HERBARIUM OF

ALEXANDER MACELWEE.

Book I

from 1 to 1682

ALTEMUS & CO.
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No. 33 SOUTH FOURTH STREET,
PHILADELPHIA.

Collecting Record
of
Herbarium
ALEX MAC ELWEE
No 1

Herbarium Specimens deposited in
Academy of Natural Sciences of Phila
(both Local Herbarium and General)
also in the Morris Arboretum Herbarium.
Duplicates also in Gray Herbarium, etc.

4 Collecting Number		Name	Locality.
1	+	Draba verna L	Fields. Roxburgh. Philadelphia Pa
2		Juncoides campestre (L.) Kunze.	Wet places. " "
3	x	Hamamelis virginiana L	Woods. " "
4		Acer rubrum L	" "
5		" saccharinum L	" "
6		" negundo L	" "
7		" rubrum L	Deptford. Camden Co. NJ.
8		Benzoin benzoin (L.) Coulter.	" " "
9		Ulmus americana L	Philadelphia Pa
10		Spathyema foetida (L.) Raf.	Kaighns Pt. Camden Co. NJ.
11	x	Petasites petasites (L.) Karst	Cult. Botanic Garden W of Pa
12		Acer saccharinum L	West Phila. Pa
13		Salix	Lester. Delaware Co. Pa
(14)=519	x	Viola sagittata Ait	" " " "
15	x	Caltha palustris L	~~Marsh~~ Lincum Essington. Delaware Co. Pa
16	+	Benzoin benzoin (L.) Coulter.	" " " "
17		Acer rubrum L	" " " "
18		Juncoides campestre (L.) Kunze	Wet places " " "
19	+	Saxifraga virginiensis Mich.	Lafayette Montgomery Co. Pa.
20	+	Thalictrum dioicum L.	" " " "
21		Erythronium americanum Ker.	" " " "
22	+	Hepatica ~~triloba~~ hepatica (L.) Karst.	Newton Delaware Co. Pa
(23)=511	x	Viola ovata Nutt.	" " " "
24		Prunus cerasus L	Newtown, Delaware Co. Pa
25		Phlox subulata L.	" " " "
26		Houstonia coerulea L.	" " " "
27	x	Viola ~~cucullata~~ communis Pollard. Ait	" " " "
28		Salix	Springfield. Dela Co. Pa.
(29)=100		Sanguinaria canadensis L.	" " " "

Date. 1899	Habitat & remarks.	
April 15	A common weed in fields. everywhere around	Phila. Coll. A.M.E.
" "	along the Wissahickon	Coll. A. Mac Elwee
" "	along the Wissahickon	" " "
" "	Staminate fls. From a tree along. Rittenhouse St. near the Wissahickon	
" "	Pistillate fls. " " " " " "	
" "	Robinson's knoll. West park just above County line Bridge. Fls. only.	
April 16	Collector. F. L. Lewton.	
" "	" " " "	
April 15	Coll. A. Mac Elwee.	Robinson's knoll. East Fairmount Park.
April 17.	" " "	Muddy shores of the Delaware. fls only.
April 18	" " "	A native of Europe.
" "	" " " "	Immature fr. & leaf. buds. Tree 39th Spruce N. E. Co.
April 20	Coll. A. M. E.	Low shrub. yellow stems. In water opp. 2 telegraph pole S. from station.
" "	" " "	A strange form, in wet places. see note book.
" "	" " "	In fluvial mud. just N. of the Lazaretto Delaware R.
" "	" " "	Much better specimen than No 8.
" "	" " "	Pistillate fls. good condition
" "	" " "	along the R. R.
April 22	Coll. F. L. Lewton.	On rocky places.
" "	" " "	In woods. in rich mould.
" "	" " "	" "
April 23	Coll. A. M. E.	Along Wooded roadsides.
" "	" " "	On the serpentine outcrop. above Fawke's Barn. West Chester Rd
" "	" " "	(see note book) .
" "	" " "	(very abundant. fls. white petals & pumple)
" "	" " "	(fls. white.)
" "	" " "	Specimens were gathered at Collis creek. & at Darby Br. & as above all alike see note book
" "	" " "	Rough barked small tree E side of creek above Leedom's dam. (Sta fls. only) see 484
" "	" " "	In woods. along Darby creek.

6 Collecting Number		Name.	Locality
30		Fraxinus nigra Marsh.	Delaware Co. Pa
31	×	Dentaria laciniata Muhl	Springfield, Delaware Co. Pa
32		Floerkea proserpinacoides Willd	" " " "
33		Lamium amplexicaule L.	" " " "
34	×	Viola ~~cucullata Ait.~~ communis Pollard.	" " " "
35	+	Ranunculus abortivus L.	" " " "
36		Erythronium americanum Ker.	" " " "
37		Salix	" " " "
38		Carpinus caroliniana Walt.	" " " "
39		Houstonia coerulea L.	" " " "
40		Bicuculla cucullaria (L.) Millsp.	" " " "
41	+	Syndesmon thalictroides (L.) Hoffmg	" " " "
42		Allium tricoccum Ait.	" " " "
43		Salix	" " " "
44		Prunus avium L.	" " " "
45		Fagus americana Sweet	" " " "
46		Acer saccharum Marsh.	" " " "
47	+	Alsine media L.	Blackwood, Camden Co. N.J.
48	+	Scleranthus annuus L.	" " " "
49	×	Antennaria plantaginifolia (L.) Richards.	" " " "
50	×	Viola cucullata Ait.	" " " "
51	×	" communis Pollard	" " " "
52		Prunus avium L.	" " " "
53	×	Amelanchier Botryapium (L.f.) DC.	" " " "
54	×	Viola blanda Willd.	" " " "
55		Uvularia	" " " "
56	*	Caltha palustris L.	" " " "
57	+	Fragaria Virginiana Duchesne	" " " "
58		Poa annua L.	" " " "

Collecting Number

A.N.

A.N.

A.N.

Caltha palustris

Collector	Date 1899	Habitat & remarks.
A.M.E.	Apr. 23	Coll. A. M. E. (Flowers) From 2 trees. Pist. & Sta. opp. Eagle Hotel. W. Chester turnpike
A.M.E.	" 25	" " " In Woods. Along Darby Creek
"	" "	" " " " very abundant in damp places. "
"	" "	" " Dry places in woods. "
"	" "	" " (Roadsides, Meadows & Wet places in Woods. " (see 365. which was collected later.)
"	" "	" " In woods. Banks of Darby Creek.
"	April 25	" " " "
"	" "	(See 484) Pistillate fls. of No. 28. A little further down the Creek.
"	" "	" " In woods and along streams.
"	" "	" " among grass.
"	" "	" " In rocky woods. State road & Darby creek.
"	" "	" " common in woods.
"	" "	" " Rich woods. along the creek below the State Rd.
"	" "	" " Pistillate fls. only. large trees edge of creek
"	"	See Nos 858, 859 The common Cherry tree along fences. (Tubig yellow) fls & In wood etc.
"	"	Same as No 861 Buds only. showing large yellow scales. Our sp. obtained along State Rd. 1/2 mile S of creek. St. Rd & Creek.
"	" "	" " In front of farmhouse. Cult.
A.M.E.	April 27	among grass. damp places. common
"	" "	Dry places. West bank of the Dam.
"	" "	In large patches in woods. Could only find pistillate flowers.
"	" "	In wet places. edge of Dam. associated with No 54 & Skunk Cabbage.
"	" "	In dry places. among grass.
"	" "	In the woods. West bank of Dam near No 55. & 56
"	" "	Small tree edge of Dam at various places.
"	" "	Wet places. with No 50
"	" "	Damp places. woods near No 52
"	" "	Wet places near Nos 50 & 54
"	" "	Wild Strawberry. along the path West bank of Dam. near No. 48
"	" "	Waste places. common. Our specimens from between ties of the R.R.

Collecting Number		Name	Locality.
59		Acer saccharinum L.	West Philadelphia. Pa
60	×	Pyrus communis L.	Newtown Township. Delaware Co. Pa
61	×	Prunus cerasus L.	" " "
62	+	Viola ~~sagittata Ait.~~ ovata Nutt	" " "
63		Acer ~~pennsylvanicum L.~~ pseudo-platanus L.	Upper Darby, Delaware Co. Pa
64		Aralia trifolium L.	Haverford Township. " " "
65	+	Viola communis Pollard	Melmar, Bucks Co. Pa.
66		Halesia tetraptera L.	Bartram's Garden, Phila. Pa
67	×	Prunus demissa (Nutt) Walp.	" " "
68	×	" mahaleb L.	" " "
69		Morus rubra L.	" " "
70	×	Fagus americana Sweet	" " "
71		Ulmus fulva Michx.	" " "
72	×	Quercus (Pin oak)	" " "
73		Aesculus glabra Willd.	" " "
74		Ornithogalum nutans L.	" " "
75		Acer saccharum Marsh.	" " "
76	×	Crataegus ~~coccinea~~ mollis (Torr) Scheele, L	" " "
77	×	Magnolia obovata Thumb.	" " "
(78)=986	×	Pyrus japonica Thumb.	" " "
79		Ulmus montana Sm. ?	Philadelphia Pa.
80	+	Ribes aureum Pursh	West Philadelphia Pa
~~(81=881)~~		Xanthoxylum americanum Mill.	Angora, West Philadelphia Pa
82	×	Hicoria alba (L.) Britton	" " "
83	×	Hicoria ~~laciniosa (Michx f.) Sarg~~ alba (L.) Britton	" " "
84	+	Hicoria ovata (Mill.) Britton	" " "
(85=881)	×	Malus ~~coronaria (L.) Mill~~ Malus (L.) Britton	" " "
86		Lamium amplexicaule L.	Haverford Township, Delaware Co. Pa.
87		Arisaema triphyllum (L.) Torr.	" " "

Collector	Date	Habitat and Remarks
T.A.M.E.	April 29	Fruiting specimens (green). 63rd & Markets. Sts.
"	" "	Flowering " Fl. Aug 29 1900 along road, East edge of the Serpentine outcrop.
"	" "	Flowering " In the woods. " " "
"	" "	On the serpentine outcrop. In full sunlight, in dry places.
"	April 30	Cult. (on premises opp. the University of Pa. observatory. see 488
S.F.A.	" "	On Borden's farm near the "Red Squirrel" Spring
Wm.F.	" "	In dry places, (open)
A.M.E.	May 2	Common in the garden. Fls only.
"	" "	Shrub about 7 or 8 feet high. South of the big tree (Flowers) (same as 982)
"	" "	Along the lane and at the bridge over the R.R. Small tree. Same as 981
"	" "	Growing at top of rocks facing the River. N. of steps to boat-house (flowering specimens)
"	" "	Young leaves. Tree along the Schuylkill River. (sta. fls.)
"	" "	Immature fruit. (Tree just back of old house at well along River
"	" "	Fls. only (Large tree. South of where Eastwick house formerly stood.
"	" "	" " Small tree South E. of " " " " "
"	" "	In the grass in a few places in the garden
"	" "	Fls & young leaves. Trees south of site of Eastwick House.
"	" "	" " " " Small tree. edge of path, in front of barn.
"	" "	Flowers only. Leave July 27 Native of Japan. N.W. of Eastwick House site
"	" "	" & leaves. " " " " " " " "
"	" "	From a small tree S.E. section of Washington Square
"	" "	From Miss Ezra's garden Lansdowne ave & Peach Sts.
"	May 3	Plentiful in the woods, near Gray's lane. Coll. Sta & Pist. flowers.
"	" "	Specimens showing bud scales. specimens very resinous
"	" "	" " " " " not resinous. fld. 9.
"	" "	Fls. Woods. scales very large, reddish.
"	" "	In fields.
"	May 4	In woods. Back of Eagle Hotel.

Collecting Numbers		Name	Locality
88			
89	+	Ranunculus abortivus L.	Haverford Township, Delaware Co. Pa.
90		Prunus	" " "
91	+		" " "
92	×	Viola pubescens Ait.	" " "
93		Prunus ~~pennsylvanica L.f.~~ americana Marsh.	" " "
94	×	Quercus	" " "
95	×	Senecio aureus L.	" " "
96	×		" " "
97		Uvularia perfoliata L.	" " "
(98)=566	×	Viola sororia Willd.	" " "
99	×	Caulophyllum thalictroides (L.) Michx.	" " "
100		Sanguinaria canadensis L.	" " "
101		Orchis spectabilis L	" " "
102	×	Juglans cinerea L.	" " "
103		Fraxinus	" " "
104		Lamium maculatum L.	" " "
105	+	Malus malus (L.) Britton	" " "
106		Fraxinus	" " "
107		Acer rubrum L.	" " "
108	×	Viola ~~cucullata Ait.~~ communis Pollard. !	Viola cucullata Ait.!
109	×	" blanda Willd.	" " "
110		Phlox subulata L.	Newtown Township " "
(111)=571	×	Viola ~~sagittata Ait.~~ ovata Nutt.	" " "
112	×	" pedata L.	" " "
113		Salix	" " "
(114)=1861		Quercus minor Marsh (Sarg.)	" " "
(115)=1869		" prinoides Willd.	" " "
(116)=1848		" alba L.	" " "

Vol. No.	Date 1899	
Vol. M 8	May 4	A fungoid growth on Arisaema triphyllum (L.) Torr.
"	"	Woods, back of Eagle Hotel. along Church Rd. +
"	"	Specimens showing leaf galls or fungoid disease, in woods. "
"	"	Fungoid growth on Podophyllum peltatum L.
"	"	Yellow violet in woods. back of Eagle Hotel. See 359.
"	"	Edge of woods. along Church Road. North of Eagle Hotel.
"	"	Woods 1/2 mile north of Laurence's mills. specimins from fallen tree.
"	"	" " " " " " " " near " "
"	"	(Fungoid disease on Viola
"	"	Woods 1/2 mile north of Laurences Mill
"	"	" " " " " " " "
"	"	" " " " " " " "
"	"	" " " " " " " "
"	"	" " " " " " " "
"	"	Banks of Darby Creek. (7 ls only)
"	"	" " " " (" ")
"	"	In front of deserted farm-house. 1/2 mile North of Laurence's Mill.
"	"	Along road near " " " " " " " "
"	"	Single tree along Darby creek in Bog-meadow " " " " " "
"	"	Fruit. " " " " " " " " "
"	"	~~see No 365, which was collected later~~ " " " " " " " "
"	"	On the serpentine outcrop.
"	"	" " " " " "
"	"	" " " " " "
"	"	RR embankment near Darby creek. Probably the same as No 37.
"	"	Along road E side of Serpentine. Characteristic tree
"	"	" " " " " low shrub. 3-4 ft high.
"	"	large tree along fence opp. farm house

		Name	Locality
(117)=1863		Quercus coccinea Wang.	Newtown Township, Delaware Co. Pa
(118)=1863		" "	" " " "
119	+	Arabis [illegible] L	West Philadelphia Pa
120		Morus alba L.	Germantown, Pa
121			" "
122			" "
(123)=249	×	Viola domestica Bicknell	" "
124		Panax trifolium L.	" "
125	+	Sassafras sassafras (L.) Karst	" "
126	+	Prunus padus L	" "
127	×	" virginiana L	" "
128		Salix	Olney, Philadelphia Pa
129	×	Barbarea stricta Andrz.	" " "
130		Viburnum prunifolium L	" "
131	×	ickoria alba (L.) Britton	" "
132	+	" " "	" "
133		Morus rubra L.	Crescentville "
134	+	Viola striata Ait.	" " "
135		Valerianella	" " "
137		Quercus alba L.	" " "
136	×	Juglans nigra L.	" " "
138		Cornus florida L.	" " "
139	+	Prunus padus L.	" " "
140	×	Azalea nudiflora L	" " "
141	×	Erigeron pulchellus Michx.	" " "
142		Aronia nigra (Willd.) Britton.	Sea Isle Junction, Cape May Co. N.J.
143	×	Viola ~~obloataca Britton.~~ palmata L	" " " " "
143a	×	" ovata Nutt.	Court House " " "
144	×	" pedata L.	Wildwood " " " N.J.
145		Potentilla canadensis L.	

and Remarks.

1899

A.M.S.	May 4	Along road E. side of Serpentine	along fence. 1 of 3 large trees. S of Woods.
"	"	" " " "	" " " " "
"	"	Cult. garden of Alex. MacElwee	5-300 Master Strut.
"	May 5	Field near Gorgas station P & R. RR.	
"	"	" " " "	Fungoid disease on Onagra biennis (L.) Scop.
"	"	" " " "	" " - Rumex crispus L.
"	"	" " (Abundant)	common
"	"	Woods near Gorgas lane & County-line Road.	
"	"	(Flo. only) Along "	" near " " "
"	"	small strack about 3 feet high along P & R RR.	between Walnut lane & Gorgas
"	"	same as 918	" P & R RR between " " " "
"	May 9	Shrub near Kelly's brickyard.	waste places Sta. flo only.
"	"	Waste places near " "	
"	"	Thicket along R R opp. " "	
"	"	" " " "	" " same as 921
"	"	" " " "	" Same as 131. but showing a fungoid disease.
"	"	Along the Tacony Creek.	A large tree growing on a rock N of the R R.
"	"	" " "	west bank of the creek " " "
"	"	" " "	" " " " "
"	"	" " "	East bank above road to Cartersville.
"	"	" " "	Near the old mill
"	"	" " "	Near 937.
"	"	same as 922.	Opp. old mill, on the island West side.
"	"	In wood above "	" East side of the "creek".
"	"	" " "	" " " " "
"	May 10	Along the R. R. at the Station.	West Side. Plants had been mowed (repeatedly)
"	"	" " "	abundant along the R.R. and making a fine display.
"	"	Among grass.	common.

	Name	Locality
	× Antennaria ~~neodioica Greene~~ plantaginifolia R.B.	Court House, Cape May Co. N.J.
		Anglesea " " "
	× Arabis ~~sp.~~ hirsuta (L.) Scop.[2]	" " "
	× Ammodenia peploides (L.) Rupr.	Wildwood " "
	× Prunus serotina Ehrh.	" " "
	Oxalis recurva Ell	" " "
	× Viola lanceolata L.	" " "
	Trientalis americana Pursh.	" " "
	× Prunus maritima Wang.	" " "
	Fragaria	" " "
	Myosotis virginica (L.) B.S.P.	" " "
	× Silene Caroliniana Walt.	" " "
	Vagnera stellata (L.) Morong	" " "
	Geranium Robertianum L	" " "
	Veronica arvensis L.	" " "
	× Sagina decumbens (Ell.) T. & G.	" " "
	× Amelanchier Botryapium (L.f.) DC.	" " "
	[illegible]	" " "
	× Artemisia stelleriana Bess.	" " "
	Rubus Baileyanus Britton	Perryville, Cecil Co. Maryland.
	Salix nigra Marsh. (S. caniata)	Determined by T. C. Porter. (see letter of July 7, 1901)
	Viburnum prunifolium L.	" " "
	× Crataegus Crus-galli L.	" " "
	Veronica arvensis L.	" " "
	[illegible]	" " "
	× Carex Lupulina Muhl. (fem.)	" " "
	+ " Pennsylvanica Lam,	" " "
	× Viola ~~obliqua Hill~~ affinis LeConte. ~~conspersa Pollard.~~	" " "
	Houstonia coerulea L.	" " "

800

A.M.S. May 10 Sta fls only. forming large conspicuous clumps along the R.R.
" " Grass in swamps along R. R.
" " " Emerged. In dry sandy places.
" " " On the beach.
" " " Specimens not in flower but showing a peculiar red color of foliage
" " " Among grass in dry places.
" " " In damp places in woods. abundant in wet places in sand dunes.
" " " Damp places in woods.
" " " Plentiful throughout the island Same as 1402.
" " " " on " " " Conspicuous with it abundance & white fls. especially along the RR.
" " " Among grass
" " " " "
" " " Damp woods.
" " " " "
" " " Among grass. fls light blue, early falling away.
" " " Sandy paths in woods.
" " " In woods. A low growing tree
" " " Dry sandy places
" " " On the sandy beach. The residents at Wildwood cultivate this around their [illegible]
May 13 " " R.R. embankment east end of P.R.R. bridge mouth of the Susquehanna.
" " Tree 15 ft high. with shaggy bark. apparently the same sp. on all the islands of the Susquehanna.
" " High bluffy shore of Chesapeake Bay. (Inflorescence terminal. No 130 is lateral.)
" " " " " " " Same as Nos.
" " " " " Under trees.
" " " " Dry places.
" " In woods swampy places
" " " " "
" " " " " "
" " Edge of woods.

175.	+	Viola primulaefolia L.	Perryville. Cecil Co.	Md
176.		Rhus hirta (L.) Sudworth.	Frenchtown	"
177.	×	Viola ~~blanda arvensa (Le Conte) B.S.P.~~ alsophila Greene.	York Furnace, York Co.	Pa
178.	×	Ranunculus recurvatus Poir.	" "	" "
179.		Viola labradorica Schrank.	" "	" "
180.		Peramium repens (L.) Salisb.	" "	" "
181	×	Mitella diphylla L.	" "	" "
182		Asimina triloba (L.) Dunal.	" "	" "
183.	×	Cerastium arvense L.	" "	" "
184.	p	Sedum ternatum Michx.	" "	" "
185.	p	Houstonia coerulea L.	" "	" "
186.	p	Nyssa sylvatica Marsh.	" "	" "
187.	p	Allium canadense L.	" "	" "
188.	p	Betula lenta L.	" "	" "
189.	p	Orchis spectabilis L.	" "	" "
190.	p	Sambucus pubens Michx.	" "	" "
191.	p	Trillium erectum L.	" "	" "
192	p	Oxalis violacea L.	" "	" "
193.	× p	Rubus ~~trailleyanus~~ canadensis L. Britton. ~~canadensis Michx.~~	" "	" "
194.	× p	Azalea ~~rudiflora L.~~ glandulosa Porter	" "	" "
195.		Acer rubrum L.	" "	" "
196.	p	Magnolia tripetala L.	" "	" "
197.	+	Alsine pubera (Michx.) Britton	" "	" "
198.	p	Bicuculla canadensis (Goldie.) Millsp.	" "	" "
199.	p	Phlox divaricata L.	" "	" "
200	+ p	Silene caroliniana Walt.	" "	" "
201	× p	Senecio aureus L.	" "	" "
202.	p	Cardamine bulbosa (Schreb.) B.S.P.	" "	" "
203.	p	Viola palmata L.	" "	" "

Determined by = (see letter of July 4, 1900)
" " = (see Dr Porter's letter of " 7
" " = (see Dr Porter letter of Aug 3. "

A.M.E. MAY 1st In loose moist soil. RR embankment.
" " " Not in fl. This shrub is common along the river.
" " " In ravine behind the hotel. Shaded [illegible]
" " " " " " "
" " " " " " "
" " " " " " "
" " " " " " "
" " " In woods and along the roadsides. small tree (leaves only) see 730
" " " In rocky places. along Skyvenski Lake
" " " In woods & open places.
" " " Fruiting. Woodlands.
" " " Woods along Skyvenski Lake & along edge of Woods. & Side of Ravine.
" " " In rich open soil meadows. (fls.) Fls. in bud. Common
" " " Woods near the schoolhouse
" " " " " " "
" " " ____ back of the schoolhouse
" " " ____ near the " Same as 747 (fruiting fl.)
" " " ____ & in the open places common everywhere.
" " " Along roadsides. & along the canal. Also frequent on the Lancaster Co. Side of the River.
" " " Woods. (Flowers only)
" " " Large tree E. end of foot-bridge across the canal. Form of leaves quercitrinica. odd
" " " Woods near Schoolhouse. & in the ravine
" " " " " " "
" " " ____ rich soil and along the canal
" " " " " " "
" " " Rocky woods. top of hills above York Furnace
" " " Meadows along canal. This plant makes a fine display along the R.R. at many places.
" " " " " "
" " " Woods near schoolhouse.

204.	Pinus virginiana Mill.	York Furnace. York Co. Pa.	
205.	" rigida Mill.	" " "	
206.	+ Fraxinus dubia (?) Small	York Furnace Station Lancaster Co. Pa	
207.	Betula nigra L.	" " " "	
208.	Gaylussacia virginiana L.	" " " "	
209.	Poa pratensis (Determined by T. C. Porter.	spikelets only 2-flowered (see Dr Porter's letter of July 7. 1900	
210.	× Amelanchier Canadensis (L.) Medic. Determined by T. C. Porter	Tucquan, Lancaster Co. Pa. 7/7/1900	
211.	Tilia americana L.	" " " "	
212	Vicia caroliniana Walt.	" " " "	
213.	+ Erigeron pulchellus Michx.	" " " "	
214.	Thaspium trifoliatum aureum (L.) Britton.	" " " "	
215.	Hydrophyllum virginicum L.	" " " "	
216		" " " "	
217.	Sedum ~~telephioides Michx.~~ telephium	Determined by T. C. Porter. = (July 4. 1900) " "	
218.	Salix cordata Muhl Determined by T. C. Porter	7/7/00 ("is probably that" " "	
(219)=741.	~~Viola~~ sororia Willd.	York Furnace. York Co. Pa	
220.	Asarum ~~canadense L.~~ reflexum Bicknell	Determined by " " "	
221.	+ Thalictrum dioicum L.	" " "	
222.	+ Hydrastis canadensis L.	" " "	
223.	Myosotis ~~verscolor (Pers.) Reichenb.~~ arvensis (L.) Willd.	Determined by T. C. Porter. = (see letter 7 July 4 " 1900)	
224.	Sisyrinchium angustifolium Mill.	" " "	
225.	Eleocharis palustris (L.) R&S.	Determined by 7/7/00 ("a variable species")	
226.	Vitis rupestris Scheele	" " "	
227.	Valerianella radiata (L.) Dufr.	Determined 7/7/00 " "	
228	× Hicoria minima (Marsh.) Britton	" " "	
229.	Selaginella rupestris L.	" " "	
230.	Chionanthus virginica L.	" " "	
231.	× Arabis lyrata L.	" " "	
232.	× Erigeron philadelphicus L.	" " "	

A.M.E. May 13	Rocky woods. tops of hills above York Furnace.
	" " " " " " " "
May 14	Among rocks back of station. Frequent in such places along the River.
" "	Along the river. On the islands it is only a small tree.
" "	" the R.R. forming large clumps. Fls. blue. attractive
" "	Grass. in woods.
" "	Small tree in fruit among rock. at Creek bel. J. T. station. (1 mile)
" "	Large tree. Along the Juniata Creek.
" "	Island opp mouth of the " " "
" "	Island opp. mouth of the " "
" "	Umbellifera " " " " " "
" "	Along R.R. near Juniata Station.
" "	Fern among the rocks. creek.
" "	Clump. just W. of the Juniata station
" "	Fruiting sp. on Island opp. mouth of Juniata Creek. Probably same as 66 06
" "	Woods near school house. Same as 764
" "	" " " "
" "	" " " " In fruit.
" "	" " " " said to grow here. but only found a leaf.
" "	On the Island. in the Susquehanna River.
" "	" " " wet places
" "	" "
" "	Sandy places or growing over low shrubs. on the Island
" "	" " " " " " " "
" "	A tall slender tree. N. end of Island. Along River. Same as 767 + "97 (fruit)
" "	on exposed rocks W. side of Island. see 775
" "	Among rock. near where bridge stood.
" "	" " South end of Island. Common.
" "	Grassy places. on Island.

occidentalis L.

× Rubus strigosus Michx. ? York Furnace. York Co. Pa

Cynoglossum officinale L. " " " " "

× Hickoria glabra (Mill.) Britton.

× " laciniosa (Michx.) Sarg.

× Crataegus coccinea L. ?

× Juglans nigra L.

× Atragene americana Sims.

Unifolium canadense (Desf.) Greene

× Prunus Cerasus L. Frankford. Phila. Pa

Broussonetia papyrifera (L.) Vent. Along Borgas Germantown. Pa.

× Saxifraga Pennsylvanica L. Germantown Pa.

× Lepidium campestre (L.) R. Br. " "

× Rubus strigosus Michx. " "

× Hickoria glabra (Mill.) Britton " "

Nyssa sylvatica Marsh. " "

× Claytonia Virginica L. " "

× Viola domestica Bicknell. " "

× Hickoria ovata (Mill.) Britton. " "

× " alba (L.) Britton. " "

× Prunus serotina Ehrh. " "

Nyssa sylvatica " "

× Butneria florida (L.) Kerney. " "

Osmunda claytoniana L. " "

" cinnamomea L " "

+ Aronia longifolia (Muhl.) Britton Media. Delaware Co. Pa.

+ Senecio obovatus Muhl. Willow Grove. Montgomery Co. Pa

? Carex nigro-marginata Schwein. ! " "

? Pogonia verticillata (Willd.) Nutt. = This may be P. affinis. C. F. Austin

? Viola sororia Willd. " "

Collector	1899 Date	Habitat and Remarks
A.M.E.	May 14	Along banks of canal. Leaves whitish beneath. see fls. nearly all gone.
"	"	Near Hotel. (Flowering sp.) see No 734 (fruiting sp.)
		~~Edge of woods. N. side of Shyvenski ravine~~ Bair island. Same as No 736 (fr.)
		" " " " " " " " No 768 (fr.)
		" " " " " "
"	May 15	Just out of flower. among rocks along road in Ravine.
		Woods. along road. in ravine. common
Mr. Savage	May 19.	Cult. The common Pie Cherry.
A.M.E	May 19.	Along Gorgas lane near RR. station.
"	"	Bog near station Gorgas. ~~RRR~~ RR.
"		Roadsides
"	"	" near Stenton ave & Gorgas Lane.
"	"	Woods. North of " " " " " "
"	"	" " " " " " " "
"	"	" " " " " " " "
"	"	Along the road.
"	"	Woods along Gorgas lane Same as 906 & fruit 1899
"	"	" " " " " same as 908 & fruit 1899
"	"	Along Gorgas lane near No 125 same as 909
"	"	Large tree in meadow Lime Kiln Pike & County Line road.
"	"	Near a deserted house along County Line Rd.
"	"	Woods " " " " " near Old York Rd.
		along County Line Rd near Old York Rd.
J. Bell.	May 20	Wet places.
A.M.E	" "	Boggy places.
"	"	Dry places.
"	"	In rocky woods.
"	"	In woods.

+	Viola emarginata (Walt.) LeConte.	Willow Grove. Montgomery Co. Pa
+	Hicoria alba (L.) Britton	West Phila. Pa.
+	Viola ~~sumbata~~ domestica Bicknell	" " "
	Acer pseudo-platanus L.	" " "
×	Hicoria glabra (Mill.) Britton.	" " "
×	Rubus Baileyanus Britton	" " "
	Quercus digitata (Marsh.) Sudw.	" " "
	Acer rubrum L.	" " "
+	Leucothoë racemosa (L.) A. Gray	" " "
	Smilax	" " "
	Quercus palustris Du Roi.	" " "
+	Liquidambar styraciflua L.	" " "
×	Quercus coccinea Wang.	" " "
×	Hicoria ovata (Mill.) Britton	" " "
×	" glabra (Mill.) Britton.	Bartram's Garden. W. Phila. Pa.
	Aesculus octandra Marsh.	" " " " "
+	Magnolia fraseri Walt.	" " " " "
	Aesculus	" " " " "
+	Opulaster opulifolius (L.) Kuntze.	~~Banks of Schuylkill River~~ West Phila. Pa " " "
	Betula	Media Delaware Co Pa.
	Acer pennsylvanicum L	" " " "
×	Sanguinaria canadensis L.	
	Ornithogalum umbellatum L	West Phila. Pa
+	Platanus occidentalis L.	" " "
	Geranium maculatum L.	" " "
	Tilia heterophylla Vent.	" " "
	Scirpus americanus Pers	Kaighn's pt. Camden Co. N. J.
	" lacustris L	" " " " "
×	Carex lanuginosa Michx.	" " " " "

	1899	
A.M.C.	May 20	Along road on mossy banks. (A rather odd form)
"	May 22	Jones' Woods. along P. RR. sam. as 877 Petioles & lvs. pubescent. nut large bark smooth & white. husk thick.
"	" "	Under trees Showing mature leaves & Cleistogenes.
"	" "	Planted along fences. Jones estate.
"	" "	Woods in Ravine. Jones estate. petioles & lvs. smooth, large. nut compressed bark rough. husk thin.
"	" "	Waste places. near 57th & Westminster Ave. trailing
"	" "	Woods along 52nd St. below Walnut.
"	" "	" " " " " " showing disease of leaves
"	" "	" " " " " " "
"	" "	" " " " " " "
"	" "	" " " " " " "
"	" "	" " " " " " "
"	" "	" " " " " " "
"	" "	same as 889. very rough shaggy bark. compare No 266.
"	" "	A large tree. with narrow leaves. S of site of Eastwick mansion.
"	" "	Medium sized tree. There is evidently a form with reddish petioles & fls. among the trees in this row. later flowering than No 73. near No 72
"	" "	Large tree. the old trunk much rotted. E. of Bartram house.
"	" "	A cultivated French var. with conspicuous fls. in front of Bartram house.
"	" "	along the banks of the Schuylkil River.
"	" "	" " " " "
Z.L.	May 20	Cult. Painter's arboretum. Flowering specimens.
"	" "	Woods. Fruiting specimen.
A.M.C.	May 23	Naturalized in Jones' Woods.
"	" "	Along Lancaster Ave.
"	" "	Jone's Woods.
"	" "	Cult. 56th Landsdowne Ave.
"	May 24	In swamp. along Ferry Rd. Common
"	" "	" " " " "
"	" "	" " " " "

	Sisyrinchium	Kaighns pt. Camden Co. N.J.
	Equisetum	" " " "
	Eleocharis	" " " "
×	Carex xanthocarpa annectans Bicknell.	" " " "
	[illegible]	" " " "
+	Silene noctiflora L.	" " " "
	Myosotis Laxa Lehm.	" " " "
	Equisetum hyemale	" " " "
		" " " "
	Celastrus scandens L	Gloucester, Camden Co. N.J.
×	Senecio aureus L.	" " " "
	Rumex	" " " "
	Linaria	" " " "
+	Silene vulgaris (Moench.) Garcke.	Kaighns pt Camden Co. N.J.
+		" " " "
	Lycopus digitata	Gloucester, Camden Co. N.J.
	Rhus radicans L	" " " "
×	Hypopys hirsuta (L.) Bouille.	Willow Grove, Montgomery Co. Pa
×	Gaylussachia resinosa (Ait.) T. & G.	" " " "
×	Vaccinium stamineum L	" " " "
×	" ~~pennsylvanicum Lam.~~ vacillans Kalm.	" " " "
×	Pedicularis Canadensis L.	" " " "
×	Geranium maculatum L.	" " " "
×	Rubus villosus Ait.	" " " "
×	Populus grandidentata Michx.	" " " "
×	Sisyrinchium graminoides Bicknell	" " " "
×	Helianthemum ~~Spicatum~~ canadense (Willd.) Le Conte.	" " " "
×	Viola ~~dentata Pursh~~ emarginata	" " " "
	" dentata Pursh	" " " "

1899

A.M.E., May 24 In wet sandy places along the P & R. RR. & Ferry Rd.

" " " " " " " " " " " "

" " " " " " " " " " " "

" " " " " " " " " " " "

" " " dry " " " " " " " " "

" " " Waste ground (Ballast) near the Whiting Works

" " " among loose soil, wet places.

" " " In sandy beach, along the River.

" " " Waste ground near 296 & 304

" " " along banks of Timber Creek

" " " " " " " " " "

" " " " " " " " " "

" " " Roadsides, common

" " " Waste grounds near 296 & 299

" " " Transferred " " " " " "

" " " Woods & along Haddonfield turnpike

" " " " " " " " "

May 25 In woodlands:

" " Roadsides & in woods (7-a) Same as #792

" " " & in " same as 792

" " " " " " " " Same as 792

" " " " " " " " Same as #792

" " " " " " " " Same as #792

" " " " " " " " (7-b) Same as #817

" " " " " " " " " " " "

" " " " " " " " " " " "

" " " Roadsides. In dry places & forms (smooth) of 819.

" " " " " " " " " " " "

320	× Viola sagittata Ait.	Willow Grove, Montgomery Co. Pa	
321	× Aster macrophyllus. & foliis Burgess,	" " " "	
322	× Aronia nigra (Willd.) Britton.	" " " "	
323	× Vaccinium ~~corymbosum~~ atrococcum A. Gray. Heller.	" " " "	
324	Alsine uliginosa (Muhl.) Britton.	" " " "	
325	Carex ~~sterilis Willd.~~ interior Mack.	" " " "	
326	Senecio ~~aureus~~ balsamitae Muhl.	" " " "	
327	Cypripedium acaule Ait.	" " " "	
328	× Viola villosa Walt.	" " " " "	
329	+ Veratrum viride Ait.	Media. Delaware Co. Pa	
330	× Elaeagnus (macroplylla Thunb.?)	" " " "	
331	Robinia pseudacacia L	West Philadelphia Pa	
332	Wagnera racemosa (L.) Morong	" " "	
333	+ Viola ~~canadensis Richard~~ sororia Willd. ~~dilatata~~ Ell.	" " "	
334	+ " ~~palmata~~ L	" " "	
335	× Juglans	" " "	
336	Fraxinus americana L	" " "	
337	Robinia pseudacacia L	Hellytown, Bucks Co: Pa	
338	× Anthemis arvensis L	" " " "	
340	+ Saxifraga pennsylvanica L	" " " "	
(339) = 448	× Viola affinis Le Conte.	" " " "	
341	× Adopogon virginicum (L.) Kuntze.	" " " "	
342	Sisyrinchium atlanticum Bicknell	" " " "	
343	+ Carex vestita Willd.	" " " "	
344	Pinus strobus L	" " " "	
345	× Carex intumescens Rudge	" " " "	
346	Aralia nudicaulis L	" " " "	
347	Acer rubrum L.	" " " "	
348	× Carex. Pennsylvanica Lam.	" " " "	

	1899	
A.M.E.	May 25	Along Roadsides. (dry places)
"	" "	Edge of woods. dry soil.
"	" "	" " "
"	" "	" " "
"	" "	Wet places. In the Bog. (where Magnolia glauca occurs)
"	" "	" " " " " "
"	" "	" " " " "
"	" "	(Woods. rocky) ~~places~~
"	" "	dry places. along roadsides.
J. Bell	May 27	Swamps.
"	" "	A species of Elaeagnus. escaped from cult. Along roadsides.
A.M.E.	May 28	Jones' woods. 5'64 Lancaster Ave.
"	" "	" " "
"	" "	open places in woods
"	" "	" " " " with 833
"	" "	" " "
"	" "	woods.
"	May 29	Along canal
"	" "	waste places.
"	" "	Wet places in woods.
"	" "	" " " "
"	" "	" " open.
"	" "	" " "
"	" "	woods.
"	" "	West bank of canal & in woods.
"	" "	~~Damp~~ Wet places in woods
"	" "	Woods
"	" "	In fruit
"	" "	Under Pine trees in woods.

349	+	Carex livida flaccida Bailey.	Tullytown, Bucks Co. Pa
350		Iris versicolor L	" " "
351	×	Carex crinita Lam.	" " "
352	×	" gynandra Schwein.	" " "
353		Nyssa sylvatica Marsh.	" " "
354		Myosotis laxa Lehm.	" " "
355		Euonymus europaeus L	" " "
356		Acer saccharum Marsh.	Haverford Township Del. Co. Pa
357	+	Ranunculus recurvatus Poir.	" " "
358	×	Senecio aureus L.	" " "
359	+	Viola pubescens Ait.	" " "
360	×	Carex trisperma Dewey.	" " "
361		Morus rubra L. (form)	" " "
362	×	Liriodendron tulipifera L.	" " "
363		Floerkea proserpinacoides Willd	" " "
364	+	Alsine longifolia (Muhl.) Britton	" " "
(365)=34		Viola communis Pollard	" " "
366		Phlox maculata	Rockhill, Bucks Co. Pa.
367		Asclepias quadrifolia Jacq.	" " "
368	×	Ranunculus ~~repens~~ acris L.	" " "
369	×	Carex laxiflora Lam	" " "
(370)=392		" granularis	" " "
371	×	" tenera inviса (W. Boot.) Britton	" " "
372	+	Antennaria neodioica Greene	" " "
373	×	" arnoglossa Greene	" " "
374		Galium	" " "
375	+	Ranunculus septentrionalis Poir	" " "
376	×	Carex ~~bromoides~~ squarrosa L.	" " "
377		Veronica scutellata L	" " "

Fd Mg May 29 Wet places.

Canal banks.

" "

" "

Clumps of trees North of Spring.

In ditches along R.R.

Along road back of Station also along the canal above Bristol, escaped.

" May 30 Along Church road. N. of Eagle Hotel

Edge of Woods. " " " " " "

" " " " " "

Woods. N. of Eagle hotel. In fruit. same as No. 92.

" " " " " "

" " " " North side.

" " " " South "

" along Darby creek above Leedom's Dam. same as 32

Damp places. " " " " " "

" " " " (see No 34 for early form of this species.)

" June 2 Frequent.

" " in clearings.

" Wet places

" "

Dry fields.

" "

Wet places (W. W of RR. Station)

" "

" "

378	×	Carex	tenera Dewey.	Rockhill,	Bucks Co. Pa
379	+	"	conoidea Schk.	"	" "
380		"		"	" "
380a		"	cephalophora Muhl.	"	" "
381	×	"	lurida Wahlb.	"	" "
381a	+	"	" parvula (Prim.) Bailey	"	" "
382		"	triceps Michx.	"	" "
383		"	" hirsuta	"	" "
384	×	Antennaria	neglecta Greene	"	" "
385	×	Carex	cephaloidea Dewey	"	" "
386	×	"	xanthocarpa Bicknell.	"	" "
387	+	Ranunculus	sp. recurvatus Poir.	"	" "
388		Pedicularis		"	" "
389	×	Carex	Meadii Dewey.	"	" "
390	×	"	limosa L.	"	" "
391	×	"	hystrina Muhl.	"	" "
392	+	"	~~glaucodea Tuckm~~ granularis Muhl.	"	" "
393			Danthonia spicata (L.) Beauv.		
393a	+	"	gracillima Schweein	"	" "
394	×	"	tricosperma Dewey	"	" "
395	+	"	grisea Wahl.	"	" "
396	×	Petasites	petasites (L.) Karst.	"	" "
397		Sanicula	gregaria Bicknell	"	" "
398		Trillium	cernuum	"	" "
399	×	Thalictrum	purpurascens L.	"	" "
400	×	Crataegus	rotundifolia	"	" "
401	×	"	~~deltoidea Ashe~~	"	" "
402	×	Carex	Haydenii	Sellersville.	
403	×	"	~~littoralis~~ stricta Lam	"	" "
404	×	"	lanuginosa Michx.	"	" "
405	×	"	fusca All	"	" "
406	×	"	~~cristatella~~ cristatella Britton.	"	" "

1944

T. M. E. June 2 ~~Easley swamp W. W of RR. Station~~
wet places

" "

" (common everywhere)

" (frequent)

" "

" dry fields.

" ~~Cobb's RR~~ Wet places

" " " ~~common~~

" " " [illegible] Mr. Fritz, states that this was also sp.

" Swamps. (where Menyanthes grows. S. E of RR. Station)

" " " "

"

"

" dry woods.
Woods

" "

" "

" near deserted house (

" " " frequent

" Woods

" along roadside

" "

" A peculiar sp. along the road W. of Rockhill. (New sp. = Dr. Fritz)

" ~~Swamps~~ Wet Meadow E side of village. along Perkiomen Creek.

" "

" "

" "

" "

402	×	Carex monile Tuckerm.	Sellersville, Bucks Co. Pa	
408	×	Senecio Balsamitae Muhl.	" " "	
409		Valeriana radiata	" " "	
410		" patelina	" " "	
411		Iris prismatica	" " "	
(412)=1811.	×	Crataegus sp.	" " "	
413=1806.	×	" ~~pubescens~~	" " "	
414	×	" coccinea	" " "	
415=1808	×	" punctata	" " "	
416 a	×	" crus-galli L.	" " "	
416		Arisaema dracunculus	" " "	
417		Woodsia obtusa	" " "	
418	+	Ranunculus micranthus	" " "	
419	×	Carex ~~oligosperma~~ oligocarpa Schk.	" " "	
420		Fraxinus (glabra ?)	" " "	
421		S. alix	" " "	
422		Poa	Rockhill, " " "	
423	×	Fragaria Virginiana Duchesne	" " "	
425	+	Papaver somniferum	" " "	
426	×	Lepidium ~~apetalum~~	" " "	
428		Hordeum	" " "	
429		Fagopyrum	" " "	
429		Salix.	" " "	
430		"	" " "	
430	×	Hieracium venosum L.	" " "	
431		Thaspium trifoliatum aureum (L.) Britton.	" " "	
432		Galium boreale L.	" " "	
433		Bromus racemosus.	" " "	
434		Vitis aestivalis Michx.	" " "	
435		Trifolium hybridum	"	

May 18th 1899.

Mr. Wm. B. Marshall.

Dear Sir:- I herewith submit the report of my trip to the Lower Susquehanna region for plants for the herbarium.

May 13. I left Broad st. station at 3 $\frac{00}{}$ P.M and arrived at Perryville about 5. $\frac{30}{}$ P.M. I had nearly 3 hours to wait befor I could leave Perryville so profited the time in collecting along the shores of Chesapeake Bay.

The day had broken clear but shortly the sky clouded and it rained more or less during the entire day.

At Perryville I gathered over 130 specimens representing 11 species. (Nos. 165 – 175). The principal of which were Rubus baileyanus (No 165) which is mentioned by Prof Porter as one of the rarities of the valley. It is quite frequent in dry places along the R.R. & at edges of woods. Also a species of willow (No. 166.) This grew into a small tree about 15 feet high at Perryville with a rough shaggy bark. This species is quite common along the river and the staminate forms is very conspicuous on the islands giving a bright yellow coloring to the landscape.

I gathered specimens of this willow in fruit bloom

407	×	Carex monile Tuckerm.	Sellersville,	Bucks Co. Pa
408	×	Senecio Balsamitae Muhl.	"	" "
409		Valeriana radiata	"	" "
410		" patelina	"	" "
411		Iris prismatica	"	" "
(412) = 1511.	×	Crataegus sp.	"	" "
413 = 1506.	×	" ~~pubescens~~	"	" "
414	×	" coccinea	"	" "
415 = 1506	×	" punctata	"	" "
416 a	×	" crus-galli L.	"	" "
416		Arisaema dracunculus	"	" "
417		Woodsia obtusa	"	" "
418	+	Ranunculus micranthus	"	" "
419	×	Carex ~~oligosperma~~ oligocarpa Schk.	"	" "
420		Fraxinus (glabra ?)	"	" "
421		S. alix	"	" "
422		Poa	Rockhill,	" " "
423	×	Fragaria Virginiana Duchesne	"	" "
424	+	Papaver somniferum	"	" "
425	×	Lepidium ~~apetalum~~	"	" "
426		Hordeum	"	" "
427		Fagopyrum	"	" "
428		Salix.	"	" "
429		"	"	" "
430	×	Hieracium venosum L.	"	" "
431		Thaspium trifoliatum aureum (L.) Britton.	"	" "
432		Galium boreale L.	"	" "
433		Bromus racemosus.	"	" "
434		Vitis aestivalis Michx.	"	" "
435		Trifolium hybridum	"	

(2)

on an island opp. the mouth of the Tucquan creek. (No 218.)

I reached York Furnace about 9.30 A.M. & immediately crossed the ferry to the York County side of the River. In the ravine back of the hotel I found & gathered many interesting plants. The umbrella tree (Magnolia tripetala) was in full bloom here. but the flowers were high up beyond my reach and I was strongly tempted to borrow an axe & cut down a tree in order to get specimens but fortunately later on in the day I found trees low enough for my purpose. (No 196)

The flowers of the Papaw tree (Asimina triloba) were also in nice condition. This tree is quite common along the roads & at edge of woods (No. 82)

In the afternoon I explored the woods along the York Co. side of the river and was rewarded by an abundant harvest of specimens 23 species being collected. The most notable were the Cherry Birch (Betula lenta) No 188 Sedum ternatum (No. 84) The Red Berried Elder (Sambucus pubens No. 90) This is scarce and has apparently come down from the mountains. The Squirrel corn (Bicuculla canadensis No 198) is not a common plant but at York

Roadsides.

" 440

407	×	Carex monile Tuckerm.	Sellersville, Bucks Co. Pa
408	×	Senecio Balsamitae Muhl.	" " "
409		Valeriana radiata	" " "
410		" patelina	" " "
411		Iris prismatica	" " "
(412) = 1511.	×	Crataegus sp.	" " "
413 = 1506.	×	" ~~pubescens~~	" " "
414	×	" coccinea	" " "
415 = 1506	×	" punctata	" " "
416 a	×	" crus-galli L.	" " "
416		Arisaema dracunculus	" " "
417		Woodsia obtusa	" " "
418	+	Ranunculus micranthus	" " "
419	×	Carex ~~oligosperma~~ oligocarpa Schk.	" " "
420		Fraxinus (glabra ?)	" " "
421		S. alix	" " "
422		Poa	Rockhill, " " "
423	×	Fragaria Virginiana Duchesne	" " "
424	+	Papaver somniferum	" " "
425	×	Lepidium ~~petiolatum~~	" " "
426		Hordeum	" " "
427		Zoegopyrum	" " "
428		Salix.	" " "
429		"	" " "
430	×	Hieracium venosum L.	" " "
431		Thaspium trifoliatum aureum (L.) Britton.	" " "
432		Galium boreale L.	" " "
433		Bromus racemosus.	" " "
434		Vitis aestivalis Michx.	" " "
435		Trifolium hybridum	" " "

(3)

...ace was found on both sides of the River.
On tops of the wooded hills I gathered specimens
of the Scrub Pine (Pinus virginiana No 204) & of the Torch
or Pitch Pine (Pinus rigida No 205) the latter
showing by the plentiful flow of sap. the origen
of its common name.
The great number of plants collected on this day
necessitated my working until near Midnight
getting them between dry papers.
On Sunday morning (May 14) I crossed the
river & made a trip to the Tucquan
Creek 2 miles further down the ~~River~~
Susquehanna.
Here I found along the R.R. in rocky places the
Small flowered Phacelia (P. dubia. No 206) and in the
several ravines magnificent specimens of the
American Linden Tree (No 211) The roadsides
were gay with the blue flowers of the Spiderwort
(No 208) & at the mouth of the Tucquan there were
immense thickets of the Great Laurel or Rose Bay
(Rhododendron maximum) but not in flower yet.
In the afternoon I explored the large island
in the Susquehanna opp. York Furnace & collected
besides many others the Sand Grape (Vitis rupestris
No 226) Selaginella rupestris No 229) The Fringe
Tree (Chionanthus virginica. No 230) and the
Swamp Hickory. (Hickoria minima No 228)

...ear Creek.)
...hill.)
...the pit
...along R.R.
...at mid day places along R.R.
...ge & Rd. N. of Station
...ear
Roadsides.

"

440

407	×	Carex monile Tuckerm.	Sellersville, Bucks Co. Pa	
408	×	Senecio Balsamitae Muhl.	" " "	
409		Valeriana radiata	" " "	
410		" patelina	" " "	
411		Iris prismatica	" " "	
(412)-1911.	×	Crataegus sp.	" " "	
413 & 1906.	×	" ~~pubescens~~	" " "	
414	×	" coccinea	" " "	
415 & 1908	×	" punctata	" " "	
416 a	×	" crus-galli L.	" " "	
		Arisaema dracunculus	" " "	
417		Woodsia obtusa	" " "	
418	+	Ranunculus micranthus	" " "	
419	×	Carex ~~oligosperma~~ oligocarpa Schk.	" " "	
420		Fraxinus (glabra ?)	" " "	
421		Salix	" " "	
422		Poa	Rocklill, " " "	
423	×	Fragaria Virginiana Duchesne	" " "	
424	+	Papaver somniferum	" " "	
425	×	Lepidium ~~apetalum~~	" " "	
426		Hordeum	" " "	
427		Fagopyrum	" " "	
428		Salix.	" " "	
429		"	" " "	
430	×	Hieracium venosum L.	" " "	
431		Thaspium trifoliatum aureum (L.) Britton.	" " "	
432		Galium boreale L.	" " "	
433		Bromus racemosus.	" " "	
434		Vitis aestivalis Michx.	" " "	
435		Trifolium hybridum	" " "	

(4)

after supper I gathered 2 more Hickories viz:- (H. Laciniosa No 236) & (H. glabra No 235) [illegible Creek.] [illegible.]

Monday morning I made another trip up the ravine back of the house & collected more plants.

I had intended pursuing my journey to Columbia & collecting there. but had already obtained so many specimens & used up all my paper that I considered it expedient to get to Philadelphia as quick as possible. I left York Furnace at 9.11 making a close connection at Perryville & reached Phila at 12.30 noon. By 5 P.M. all my specimens were transferred to dry paper & at this time are almost all dried and in good condition.

To complete many of the specimens which I collected in flower only. It will be necessary to revisit this rich locality again about the end of June & for fruits such as Hickories Oaks Walnuts & the Fall Flora. would necessitate another visit about the first week of september.

Respectfully submitted

Alex Mac Elwee

Total specimens collected 810. representing 76 species

[illegible] along R.R.

[illegible] mi day places along R.R.

[illegible] & Rd. N. of Station

[illegible] Roadsides.

[illegible] "

[illegible] 440

Vitis aestivalis Michx.
Trifolium hybridum "

T.M.C.	June 2 1899	Wet Meadow (E. side of the village along the Perkiomen Creek.)
		(also at Rockhill.)
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		Among rocks about 2 miles W of Sellersville.
		" " " "
		" " " "
		roadside.
		Silvery leaved form.
	June 3	In glades.
		Everywhere. fruit sunk in a little pit
		Among rubbish. which had been dumped along RR.
		" " " "
		" " " " frequent in dry places along RR.
		" " " "
		Tree (medium size) with wide lvs. RR. Bridge & Rd. W of Station
		Along ditches.
		In open places.
		" "
		Edge of woods.
		frequent
		Roadsides. W of RR Near
		" " " 440

×	Rubus ~~bacheyanus~~ canadensis L.	Rockhill, Bucks Co. Pa.	
	Myosotis ~~palustris~~ laxa Lehm.	" " " "	
	Iris	" " " "	
	Kneiffia linearis (Mitly) Spach.	" " " "	
+	Antennaria plantaginifolia (L.) Rich.	" " " "	
	Eriophorum	" " " "	
×	Viola (new form)!	" " " "	
×	"	" " " "	
×	" palmata sororia (det. by Pollard)	" " " "	
×	" " dilatata Ell (" " " ")	" " " "	
	Cynoglossum officinale	" " " "	
×	Crataegus macrantha Lodd.	" " " "	
	Viola ~~affinis~~ Le Conte)	Tullytown, Bucks Co. Pa	
×	Kalmia angustifolia L	"	
	Viburnum acerifolium L	"	
	Legouzia ~~perfoliata~~ (L.) Britton	"	
×	Erigeron ramosus (Walt.) B.S.P.	"	
	Trifolium agrarium L	"	
×	Anthemis arvensis L	"	
+	Geum strictum Ait.	"	
	Fraxinus pennsylvanica Marsh.	Media, Delaware Co. Pa	
		"	
		"	
		"	
+	Betula nigra	"	
+	Prunus ~~serotina~~ demissa (Walt.) Walp.	Haverford Township. Delaware Co. Pa	
×	Juglans cinerea L	"	
	Fraxinus nigra Marsh	"	
	Polygonatum commutatum (R&S) Dietr.	"	
	Acorus calamus L	"	

		1899	
A.M.E.	June 3		W of R R.
"	"	"	In "Carex" swamp. W. W of station
"	"	"	" " " " (White flowered form)
"	"	"	" " " " "
"	"	"	Along roadsides " " "
"	"	"	In water. west side of station
"	"	"	In field near "Carex" swamp. W. W of R.R. station
"	"	"	" " " " " " "
"	"	"	" " " "
"	"	"	" " " " palmate leaves.
"	"	"	" "
"	"	"	Along road. foot of hill. E of RR. small shrub. spines recurved
A.M.E	June 6.		In wet woods.
"	"	"	Woods.
"	"	"	"
"	"	"	fields.
"	"	"	Fields.
"	"	"	"
"	"	"	Waste places
"	"	"	Large flowered form near spring in field along RR.
Wm. T.	June 6		
"	"	"	Labiate. only 1 clump of this noticed
"	"	"	Looks like a Verbena officinalis.
"	"	"	Large tree
A.M.E	June 8		Along fence of a large house. W of Toll-No 3. (Fls & fruit upright.)
"	"	"	" east bank of Darby Creek. bel. Lawrence's mill.
"	"	"	" " " " " " "
"	"	"	" " " " " "
"	"	"	swampy places

		Lobelia spicata Lam.	Haverford Township, Del. Co. Pa
	+	Viola labradorica Schrank	" "
		Duchesnea indica (Andr.) Focke	" " "
		Crataegus coccinea L	" " " "
		Panicum porterianum Nash	" " " "
470	+	Heuchera americana L	" " " "
471	+	Carex virescens	" " " "
472		Euonymus americanus L	" " " "
473	+	Cerastium longipedunculatum Muhl.	" " " "
474	×	Carex. cephalophora Muhl.	" " " "
475		Dryopteris marginalis (L.) A. Gray	" " " "
476		" acrostichoides (Michx.) Kuntze	" " " "
477		Poa	" " " "
478	×	Amelanchier Canadensis (L.) Medic.	" " " "
479		Mitchella repens L.	" " " "
480		Thaspium trifoliatum (L.) Britton	" " " "
481		Heracleum lanatum Michx.	" " " "
482		Staphylea trifoliata L	" " " "
483		Allium canadense L.	" " " "
484		Salix	" " " "
485		Gratiola virginiana L	" " " "
486		Antennaria neo-dioica Greene	" " " "
487		" neglecta Greene	" " " "
488		Acer pseudo-platanus L	Upper Darby Delaware Co. Pa
489		Ailanthus glandulosa Desf.	Philadelphia Pa.
490			Newtown Township, Delaware Co. Pa
491	×	Senecio balsamitae Muhl.	" " " "
492		Panicum	" " " "
493	×	Carex virescens Muhl (Smooth form)	" " " "

A.M.S.	1892 June 8	Damp places	along Darby creek. Bel. Laurence's Mill
"	" "	Shaded places	
"	" "	Among grass.	in damp rocky places " " "
"	" "	In woods.	small tree
"	" "	"	"
"	" "	"	"
"	" "	"	"
"	" "	"	"
"	" "	"	"
"	" "	"	"
"	" "	"	"
"	" "	"	"
"	" "	"	small tree
"	" "	"	"
"	" "	"	"
"	"	rich soil	along Darby creek. Borden's farm.
"	"	Damp woods	" "
"	"	rich places.	" "
"	"	Along creek. (~~fanist~~)	same as. 28 and 31
"	"	Damp places.	
"	"	Dry places	along roadsides
"	"	"	" "
"	"	Cult.	on premises opp. observatory of U. of Pa. same as No 63
"	June 10	From tree	in yard of Museums. Spreading from seed in this vicinity
"	June 12	"	Along ridge of Serpentine. roadside
"	"	Along the road	leading to the Serpentine "
"	"	"	" " " " " "
"	"	"	" " " " " "

	+ Antennaria neglecta Greene	Newtown Township.	Delaware Co. Pa
	+ Viola	" "	" "
	× Rosa humilis Marsh.	" "	" "
	+ Rubus Baileyanus Britton	" "	" "
	Vitis	" "	" "
	Oxalis	" "	" "
	"	" "	" "
	× Antennaria plantaginifolia (L.) Rich.	" "	" "
	Panicum annulum Ashe.	" "	" "
	Lobelia spicata	" "	" "
	Penstemon	" "	" "
	× Senecio Balsamitae Mubl.	" "	" "
	× Prunus cerasus L.	" "	" "
	Panicum	" "	" "
		" "	" "
		" "	" "
	Senecio	" "	" "
	Viola ovata	" "	" "
(51?)=112	" pedata L.	" "	" "
		"	
	× Raphanus Raphanistrum L.	Jinicum,	Delaware Co. Pa.
	Salix	" "	" "
	× Polisma ligustrina (L.) Britton.	" "	" "
	Panicum	" "	" "
	Galium	" "	" "
	Viola sagittata Ait.	" "	" "
	× Gnaphalium ~~obtusifolium L.~~ purpureum L.	" "	" "
	× Plantago	" "	" "

1898

A. M. S. June 12 Along the road leading to the Serpentine barrens.

" " " " " " " "

" " " " " " " "

" " " " " " " "

" " " " " " " "

" " Mr dry place " " " "

" " " " " " " "

" " Forming vast patches: leaves undulate. quite striking

" " Roadside.

" " Edges of woods

" " " " "

" " " " "

" " same as No 24 & 61. Fruit.

" " Edge of woods,

" " Tall grass in the R.R. cut. of the Serpentine hill

" " " " " " " " " " " "

" " Among the rocks in the R.R. cut

" " same as 62 & 111. Mature form.

" " " " 112 Mature form "

" "

" "

" " Same as No 13. In swamp. near Lester Station R.R.R.

" " " " " " " "

" " On bank of " " " "

" " In swamp.

" " Same as N 14. Mature form

" " Dry banks along R.R.

" " Along the R.R.

" " " " "

(523)	= 15	Caltha palustris	Tinicum, Delaware Co. Pa
524		Cornus candidissima Marsh.	" " "
525		Peltandra	" " "
526			" " "
527		Sambucus Canadensis L.	" " "
528	– .	Panicum clandestinum L.	" " "
529		Holcus lanatus L.	" " "
530		Penstemon	" " "
531	×	Rudbeckia longipes T. V. Moore	" " "
532	×	Rubus villosus Ait.	" " "
533		Lysimachia quadrifolia. L.	" " "
534		~~Physalis pubescens L.~~ Acer nigundo L.	West Manayunk, Pa ~~Lawsford Township, Del. Co.~~ Pa
535	+	Lepidium virginicum L.	West Manayunk. Montg. Co. Pa
536		Linum usitatissimum L.	" " "
537	×	Rubus ~~neglectus Peck.~~ (R. occidentalis L.)	" " "
538	+	Hydrangia arborescens L.	" " "
539	+	Silene antirrhina L.	" " "
540	–	Panicum clandestinum L.	" " "
541	+	Silene armeria L.	" " "
542		Lolium perenne L.	" " "
543		Hydrophyllum virginicum L.	" " "
544		Panicum nitidum Lam.	" " "
545			" " "
546	–	Panicum macrocarpon Le Conte.	" " "
547	–	" dichotomum L.	" " "
548	×	Antennaria neodioica Greene.	" " "
549		Scutellaria pilosa Michx.	" " "
550	+	Carex costellata Britton.	" " "
551	×	Fragaria virginiana Duchesne.	" " "

Date 1899		
J.M.E.	June 12	In Swamp. In Fruit. same as No 15
"	"	" " " Flower
"	"	" " and along shore of the Delaware, Common.
"	"	Trailing along the ground & twining over Elder Bushes.
"	"	Along shores of the Delaware River
"	"	Edges of thicket where 523-24-25 were collected.
"	"	Sea wall along the river
"	"	Field near Lester station P. & R. RR.
"	"	In cultivated fields. among grain
"	"	Field near station. (form)
"	"	In swamps near Lester station.
"	June 16.	Near Flat Rock Tunnel.
"	"	along the RR. " " "
"	"	" " " " "
		On the rocks along the RR. near Flat Rock Tunnel.
		" " " " " " " "
		Along the RR. dry places. " " "
		" " damp "
		Escaping from a garden S. end of " " "
		Along the RR. " " "
		" " " " " "
		" " " edge of woods. " " "
		Blank.
		" " " ~~in woods.~~ " " "
		" " " " " " "
		" " " rocky banks.
		" " " edges of woods.
		In the woods. " " "
		dry places. rocky banks " " "

552	?Cornus candidissima Marsh.	West Manayunk. Mont. Co. Pa
553	+ Vitis aestivalis Michx.	" " "
554	Fraxinus pennsylvanica Marsh.	" " "
555	Lysimachia terrestris (L.) B.S.P.	" " "
556	Eleocharis ovata (Roth.) R.+S.	" " "
557	" sp.	" " "
558	Deschampsia caespitosa (L.) Beauv.	" " "
559	Viburnum ~~dentatum~~ molle Mx. ?	" " "
560	+ Arabis laevigata (Muhl.) Poir.	" " "
561	Panicum pubescens Lam.	" " "
562	+ Cardamine flexuosa With.	" " "
563	Physalis pubescens L.	Haverford Township. Delaware Co Pa
564	+ Rosa humilis Marsh.	" " "
565	Catalpa bignonioides	" " "
566	+ Viola sororia	" " "
567	Uvularia perfoliata	" " "
568	Botrychium virginianum	" " "
(569) = 99	+ Caulophyllum thalictroides	" " "
570	Panicum ~~dichotomum~~ L.	" " "
571	Morus rubra L.	" " "
572	+ Juglans cinerea L.	" " "
573	Fraxinus pennsylvanica Marsh.	" " "
574	+ Prunus ~~pennsylvanica~~ Americana Marsh.	" " "
575	+ Viola palmata L.	" " "
576	Liparis liliifolia	" " "
577	+ Prunus Avium L	" " "
578	Convolvulus.	West Philadelphia. Pa
579	+ Potentilla Monspeliensis L	" " "
580	Juncus	" " "

Habitat and Remarks.

1899.

A.M.E. June 16 Common along the banks of the Schuylkill River
" " " Thickets along the river
" " " edge of the river.
" " " On rocky island of the river, below Flat Rock Dam.
" " " " " " " " " " "
" " " (Species "a" to going for analysis " " "
" " " grass. On rocky places. at the Flat Rock Tunnel
" " " " " " " " " "
" " " " " " " " " "
" " " " " " " " " "
" " " Growing in wet places. " " " "
" " " Fields.
" " " Edge of woods. North of Toll No 3. W. Chester Rd.
" " " Roadsides.
" " " In woods. ½ mile North of Lawrence Mill see N. 78
" " " " " " " " " "
" " " " " " " " " "
" " " " " " " " " "
" " " " " " " " " "
" " " Along the road ¾ " " " "
" " " " Darby creek near the dam.
" " " " " " " " " further up.
" " " " the road, 1 mile North West of Lawrence Mill
" " " " " ⅓ " " " " " "
" " " " " " " " " " " "
" " " " " ¼ " " " " "
June 19 Waste places. 56 & Master Street.
" " " " " " " "
" " " " " " " "

589	Juncus	West Philadelphia.	Pa.
590	Rumex acetosella	"	"
591	+ Rorippa Nasturtium (L.) Rusby.	"	"
592	Juncus	"	"
593		"	"
594	Toxylon pomiferum Raf.	"	"
595	Panicum	"	"
596	Verbascum ~~Lychnitidia~~	"	"
597	– ?	"	"
598	+ Carex tricepa Michx.	Haverford Township. Del. Co.	Pa.
599	+ ~~Silene~~ Arenaria Carolinicana Walt.	Davenport, Ocean Co.	N. J.
600	Euphorbia	"	"
601	Hudsonia ericoides	"	"
602	– Panicum	"	"
603	Comptonia	"	"
604	– ~~Gaylus~~ Vaccinium vacillans Kalm.	"	"
605	Juncus	"	"
606	Orontium aquaticum	"	"
607	+ Azalea viscosa L.	"	"
608	– ~~Vaccinium~~ Gaylussacia dumosa (Andr.) T. & G.	"	"
609	– Vaccinium macrocarpon Oxycoccus macrocarpus (Ait.) Pers.	"	"
610	+ Carex monile Tuckerm.	"	"
611	Pogonia	"	"
612	+ Carex Atlantica Bailey.	"	"
613	Calopogon	"	"
614	Polygala lutea	"	"
615	+ Pieris Mariana (L.) Benth. & Hook.	"	"
616	Scirpus	"	"
617	+ Carex Collinsii Nutt.	"	"

1899

d. M E. June 19

" " "

" " " Water cress, in streams

" " "

" " "

" " " Osage Orange. Hedge at 6th & Haverford. d

" " "

" " "

" " " Grass. Waste places. 5th & Master St.

" " 18 Along Cobb's creek in woods. near Wynnewood.

" " 20 Sandy open places

" " " " " " specimens showing various forms of leaves.

" " " " " "

" " " " " " quite common in dry places.

" " " " " " Pine barrens.

" " " " " " " "

" " " Wet sandy " " "

" " " In water

" " " Spk Swamps along the edge of a damp road.

" " " " Bogs " "

" " " " " "

" " " " " "

" " " " " "

" " " " " "

" " " " " "

" " " " " in the more open places

" " " " " " " " "

" " " Boggy places

" " " Wet sandy "

" " " In a dense swamp.

610	× Rubus hispidus L.	Davenport, Ocean Co. NJ	
611	Panicum	" " "	
612	Apocynum androsaemifolium L.	" " "	
613	× Arctostaphylos Uva-Ursi (L.) Sprng.	" " "	
614	Eleocharis	" " "	
615	Helianthemum	Toms River " "	
616	Cracca virginiana	" " "	
617	– Vaccinium corymbosum	" " "	
618	Opuntia opuntia	" " "	
619	+ Brasenia ~~peltata~~ purpurea (Michx.) Casp	" " "	
620	Eleocharis	" " "	
621	× Carex albolutescens Schwein.	" " "	
622	× " lurida Wahl.	" " "	
623	× " canescens L.	" " "	
624	× Rosa humilis Marsh.	" " "	
625	× Aronia ~~arbutifolia (L.) Ell.~~ nigra	" " "	
626	Cornus candidissima Marsh.	" " "	
~~626a~~	~~Carex Atlantica Bailey~~ see 604		
627	× Carex folliculata L.	Forked River, O. " "	
628	Panicum Addisonii Nash	" " "	
629	+ Magnolia ~~glauca~~ virginiana L.	" " "	
630	Peltandra virginica	" " "	
631	Kneiffia	" " "	
632	Iris virginiana	" " "	
633	Scirpus	" " "	
634	Utricularia intermedia Hayne.	" " "	
635	" cornuta Michx.	" " "	
636	Gratiola aurea	" " "	
637	Gratiola aurea	" " "	
638	× Carex pennsylvanica Lam.	" " "	

1899		
M.E.	June 20	Sphagnum Bog
"	" "	" "
"	" "	Dry places along the RR.
"	" "	" " " " " (In fruit)
"	" "	Damp " " " "
"	" "	Dry " " " "
"	" "	" " " " "
"	" "	In Wet " " " "
"	" "	Sandy " near Toms River Station P.R.R.
"	" 21	In water (along road.)
"	" "	Edge of ponds (along ")
"	" "	" " " "
"	" "	" " " "
"	" "	" " " "
"	" "	Woodland
"	" "	"
"	" "	"
"	" "	Cedar swamps (near North Branch & road)
"	" "	" " " " "
"	" "	Swamps.
"	" "	Marsh
"	" "	Wet places. marsh.
"	" "	Marsh
"	" "	" "
"	" "	Shallow water. in salt marsh
"	" "	Rooting in more solid places near 634
"	" "	Marsh
"	" "	Muddy places
"	" "	Dry. Pine barrens

			Name	Locality
61	639	×	Cardmus ~~dor~~ spinosissimus Walt.	Forked River, Ocean Co. N.J.
61	640	×	Rosa nitida Willd.	" " "
61	641	×	Rubus cuneifolius Pursh.	" " "
61	642		Lysimachia vulgaris L.	" " "
61	643			" " "
61	644		Scirpus	" " "
61	645		Schizaea pusilla	" " "
61	646	–	Panicum Brittoni Vasey	" " "
61	647		Abama americana	" " "
61	648	–	Vaccinium Amelanchier Canadensis (L.) Medic.	" " "
62	649	+	Viburnum cassinoides L.	" " "
62	650		Rhus typhina	" " "
62	651		Carex.	" " "
62	652			" " "
62	653		Pogonia	" " "
62	654		Asclepias amplexicaulis J. E. Smith.	" " "
62	655		Sparganium	" " "
62	656	+	Nymphaea advena Soland.	" " "
62	657		Rhyncospora	" " "
62	658		Eriocaulon	" " "
62	(659) 165	×	Rubus baileyanus	Perryville, Cecil Co. Md.
62	660		Echium vulgare L.	" "
63	661		Viburnum pumifolium	" "
63	(662)= 168	×	Crataegus coccinea ?	" "
63	663	×	" crus-galli	" "
63	664		Isoetes	" "
63	665		Oxalis	" "
63	666	×	Carex scoparia Schk.	" "
63	667	×	Antennaria neo-dioica Greene.	"

1-94

L. & E. June 21 Dry Pine barrens (Thistle)

" " " "

" " " "

" " Escaping in a garden

" " Grass. roadside

" " submerged, in the South branch of Forked R

" " RR & Road

" " A small plant in the hummock where Solidago grows

" " Boggy places near 645-

" " " " "

" " "

" " "

" " Cedar Swamp. North Branch & Rd.

" " "

" " Wet places

" " Along the RR.

" " Wet places

" " In water

" " Floating islands of sphagnum

" " " " "

" 26 RR. embankment same as No 165-

" " "

" " Along the shores of Chesapeake Bay same as No

" " " " " " " " " 1684 1/2-

" " " " " " " " "

" " Gravelly shore of the bay. just below high water mark.

" " dry places, creeping.

" "

" " dry places - above RR

668 Panicum barbulatum Michx. Perryville. Cecil Co. Md
669 ? " dichotomum ? " " "
670 " " "
671 " " "
672 Meibomia canadensis (L.) Kuntze. Tucquan. Lancaster Co. Pa.
673 Hypericum ellipticum Hook. " " "
674 Kneiffia linearis (Michx.) Spach " " "
675 – Panicum microcarpon Muhl. " " "
676 + Ceratophyllum demersum L. " " "
677 × Azalea arborescens Pursh. " " "
678 Polygala " " "
679 × Spiraea salicifolia L. " " "
680 Mentha sativa L. " " "
681 × Adlumia fungosa (Ait.) Greene " " "
682 Woodsia obtusa (Spreng.) Torr. " " "
683 Asplenium trichomanes L. " " "
684 " montanum Willd. " " "
685 " pinnatifidum Nutt " " "
686 Panicum depauperatum Muhl. " " "
687 + Ranunculus (~~micranthus Nutt.~~ recurvatus. Poir " " "
688 Geranium columbinum L. " " "
689 ? Euphorbia corollata L. ? " " "
690 ? Hypericum prolificum L. " " "
691 Ascyrum hypericoides L. " " "
692 Selaginella rupestris (L.) Spring. " " "
693 × Rosa ~~blanda Ait.~~ lucida Ehrh. " " "
694 Linum medium (Planch.) Britton " " "
695 Juncus " " "
696 Rhyncospora " " "
697 Juncus. " " "

Md	1899		
Md.	June 26	Along P. R.R.	
"	"	" "	
"	"	Grass "	
"	"	Open ground above the mouth of the Tucquan	
"	"	Hartman's Island	
"	"	" "	
"	"	" "	
"	"	" " In a pool	
"	"	" " Under the Rocks, where Dr Porter collected it in 1864	
"	"	"	
"	"	" "	
"	"	" "	
"	"	Rocky places along the Tucquan	
"	"	Among Rocks " " "	
"	"	" " " " "	
"	"	Rocks. "	Also in the ravine at McCalls Ferry
"	"	" Also at York Furnace.	McCalls Ferry
"	"	Dry places. Rocky	
"	"	Among rocks	
"	"	Thickets	
"	"	Sandy places & Thickets, Hartman's Island.	
"	"	" "	
"	"	Among sand " "	
"	"	On rocks " "	
"	"	" "	
"	"	" "	
"	"	" "	
"	"	" "	
"	"	" "	
"	"	" "	

697			
698	Galium	Tucquan. Lancaster Co. Pa	
699		" " "	
700	+ Mimulus Compositae ?	" " "	
701		" " "	
702	× Rhododendron maximum L.	" " "	
703	× Rubus Baileyanus Britton.	" " "	
704	Silene alba Muhl.	" " "	
705	× Solidago juncea Ait	" " "	
705a	+ Rhus hirta (L.) Sudw.	" " "	
706	Salix cordata Muhl.	" " "	
707	+ Anemone Virginiana L.	McCalls Ferry. Lancaster Co Pa	
708	×? Heuchera americana L	" " "	
709	× Carex tricepsiformis Bailey	" " "	
709a	×? Carex costellata Britton	" " "	
710	× Andropogon Carolinianum (Walt.) Britton	" " "	
711	Asplenium bradleyi D.C. Eaton.	" " "	
712	Asclepias syriaca L.	" Yorke Co. "	
713	+ Capnoides sempervirens (L.) Borck.	" " "	
714	Asplenium	" " "	
715	Carex	" " "	
716	× " festucacea Willd.	" " "	
717		" " "	
718		" " "	
719		" " "	
720	+ Azalea arborescens Pursh.	" " "	
721	Rumex verticillatus L.	" " "	
722	? Fraxinus pennsylvanica Marsh.	" " "	
723	×? Carex squarrosa L.	" " "	
724	Eleocharis	" " "	
725	Silene alba Muhl.	" " "	

	1899		
Ed. M. E.	June 26	Grass (blue)	On Hartman's Island
		Thickets	" "
		Leaves only, in thickets	on Hartman's Island.
		Muddy places	" "
		Mouth of the Tuequan	
		Above the " " "	Same as No 193
		" " " "	"
		" " " "	"
		Forks Tuequan " "	"
		" " " "	"
	27	Woods.	a peculiar cone like growth at the ends of the shoots. Frequent both sides of the River showing
		"	
		"	
		On Dry rocks up the Ravine	South Side
		Along the canal	Fork Co. side
		" " "	"
		Woods	
		"	
		"	
		Grass	
		"	
		Among rocks at the head of an island above	McCalls ferry.
		Edge of a pool	" " "
			" " " "
			"
		In the bed of the old canal	" " "
		In a thicket near the large Break in the old canal bank.	" " "

	Dioscorea	Mc Calls Ferry York Co. Pa
	Gratiola	" " "
	× Mesadenia reniformis (Muhl.) Raf.	" " "
	Teucrium occidentale A. Gray.	" " "
	× Hoimina trilobata (Linn.)	York Furnace York Co. Pa
	Urtica	" " "
	× Pyrola rotundifolia L.	" " "
	~~Gentiana Saponaria L. Gratiola Erythraea pulchella Sw. Fries~~	
	× Boltonia asteroides (L.) L'Her.	" " "
	Trifolium agrarium L.	" " "
	Ceanothus americanus.	" " "
	× Carex	" " "
	× Rubus odoratus L.	" " "
	× Viola sororia Willd.	" " "
1102a	+ " palmata L.	" " "
	Circaea lutet.	" " "
	Aristolochia	" " "
	Trillium	" " "
	+ Caulophyllum thalictroides (L.) Michx.	" " "
	Adiantum pedatum L.	" " "
	+ Menispermum Canadense L.	" " "
1176	+ Cimicifuga racemosa (L.) Nutt.	" " "
75/a	Galium	" " "
	Erythraea pulchella (Sw.) Fries.	" " "
	Verbena	" " "
384	Cynoglossum officinale L.	" " "
2.34		

A.M.E.	June 27 1899	Thickets	
"	"	Muddy places	
"	"		
"	"		
"	"	Frequent throughout	same as 182 (Immature Fr. Vir.)
"	"	Along tow-path	
"	"	Woods	
"	"		
"	"	Among rocks on the islands	
"	"	Edges of fields	
"	"	Open woodlands.	
"	"	Grass, on rocks under the spray of a water-fall	
"	28	Kevinski Ravine	back of York Furnace Hotel.
"	"	Small white flowered plant.	edges of road through Kevinski Ravine
"	"	Kevinski Ravine	
"	"	Woods near School house	Same as 11 A.M.
"	"	" " " "	
"	"	" " " "	
"	"	" " " "	
"	"	Roots of Beech Trees. " " "	
"	"	On tops of rocks among rich mould.	
"	"	Woods near School house	Same as No 191
"	"	" " "	
"	"	" " "	
"	"	" " "	
"	"	" " "	
"	"	" " "	
"	"	In grass in meadow around the stables	
"	"	" " "	
"	"	" " "	
"	"	" " "	Same as 14

	Utricularia	York Furnace, York Co. Pa	
	Saur	" " "	
×	Rubus villosus Ait-	" " "	
	Pontederia cordata	" " "	
	Dianthera	" " "	
	Verbena angustifolia Michx.	" " "	
	Cephalanthus	" " "	
×	Rubus occidentalis L.	" " "	
	Allium	" " "	
×	Prunus Americana Marsh	" " "	
	Arisaema	" " "	
×	Hickoria glabra (Mill.) Britton	" " "	
×	" minima (Marsh.) Britton	" " "	
+	" laciniosa (Michx.f.) Sarg.	" " "	
×	" ovata (Mill.) Britton	" " "	
—	Panicum	" " "	
	Viola	" " "	
+	Opulaster opulifolius (L.) Kuntze.	" " "	
	Cornus circinata L'Her.	" " "	
×	Carex triceps Michx.	" " "	
	Selaginella rupestris L	" " "	
	Trifolium	" " "	
×	Carex squarrosa L.	Gibsons Pt. Phila. Pa	
	Scirpus lineatus	" "	
:	Chimaphila maculata (L.) Pursh.	Willow Grove. Montgomery Co. Pa	
+	Pyrola rotundifolia L.	"	
	Galium triflorum Michx.	" " "	
	" lanceolatum Torr.	" " "	
:	Aralia nudicaulis L.	" "	

	A.M.E.	June 28 1899	Kevinski Lake
	"	"	" "
	"	"	Thickets near the fence & Kevinski Lake (flowers abnormal)
	"	"	Kevinski Lake
	"	"	Among the rocks on the Island
	"	"	" " "
	"	"	" " "
	"	"	In fruit same as No. 2 B½
	"	"	Flowering same as No -187.
	"	"	Edges of the woods, cornfield back of barn.
	"	"	On the Island
	"	"	On the Island. same as No 235- Original
	"	"	Head of Island and along edge of river. Same as 228
	"	"	Edge of Corn-field back of barn, along the woods Same as No 236 (was the back of this true shaggy? I think it was)
	"	"	" " " "
	"	"	Island
	"	"	Stemmed yellow V. leaves at base. fruit glabrous.
	"	"	Among rocks on the Island
	"	"	" " " "
	"	"	" grass " "
	"	"	Exposed rocks. W. Side of Island same as 229
	"	"	
Wm T.	"	"	
	"	"	
	A.M.E.	July 5-	In woods
	"	"	" "
	"	"	" "
	"	"	" "
	"	"	" " (fruit)

	×	Carex virescens Muhl.	Willow Grove, Montgomery Co. Pa.
	×	Vaccinium vacillans Kalm	" "
	×	Smilax herbacea L.	" "
	×	Viola pubescens Ait.	" "
	×	Phryma Leptostachya L.	" "
	×	Lysimachia Nummularia L.	" "
	×	Gaylussacbia resinosa (Ait.) T & G.	" "
	×	Vaccinium ~~corymbosum~~ atrococcum L.	" "
	×	~~Gaylussacia frondosa (L.) T & G.~~ Tephrococcum L.	" "
	×	~~Linum medium (Planch.) Britton~~ stricatum Walt.	" "
793a	×	Sericocarpus asteroides (L.) B.S.P. Virginianum L. 2	" "
	×	Scutellaria integrifolia L.	" "
	×	Campanula aparinoides Pursh.	" "
	×	Magnolia (~~glauca~~) Virginiana L.	" "
	×	Rubus hispidus L.	" "
	×	Polygonatum biflorum (Walt.) Ell.	" "
	×	Campanula rapunculoides L.	" "
	×	Baptisia ~~tinctoria~~ (L.) R. Br.	" "
	×	Viola emarginata (Nutt.) Le Conte.	" "
	×	Hieracium Gronovii L.	" "
	×	Achillea millefolium L.	" "
	×	Agrostis alba L.	" "
	×	Pedicularis Canadensis L.	" "
	×	Danthonia spicata (L.) Beauv.	" "
	×	Panicum ~~nitidum Lam.~~ pubescens Lam.	" "
802a	×	" " Canadensis L.	" "
	×	Rubus ~~baileyanus~~	" "
	×	Hypericum maculatum L.	" "
	×	" perforatum L.	" "
	×	Agrimonia hirsuta (Muhl.) Bicknell	" "

1.	A.M.C.	July 5 1899	In woods		
	"	"	" "		
	"	"	" "		
	"	"	" "		
	"	"	" "		
	"	"	Roadsides		
	"	"	In dry woods	(Fruit)	Same as No 309
	"	"	" "		Same as 309
	"	"	" "		Same as 310
	"	"	" "		
	"	"	" "		
	"	"	" "		
	"	"	Marshy places.		
	"	"	" "		
	"	"	" "		
	"	"	In dry woods		
	"	"	" "		
	"	12	Edge of woods, ~~roadside near the bog~~		
	"	"	Along the roads		
	"	"	" " " ~~over the hill~~		
	"	"	" " " "		
	"	"	" " " "		
	"	"	Grass " "		
	"	"	" " " "		same as No 312
	"	"	Grass		
	"	"	Along the road, over the hill.		
	"	"	small plants in grass		
	"	"	" "		
	"	"	" "		
	"	"	" "		
	"	"	" "		
	"	"	" "		in the woods to the left. path.

	Sanicula Canadensis L.	Willow Grove, Montgomery Co. Pa.
	× ~~Osmor~~ Derringa Canadensis (L.) Kuntze.	" "
	Anthoxanthum odoratum L.	" "
	× Monotropa uniflora L.	" "
(314)	× Rubus villosus Ait.	" "
	× Panicum sphaerocarpon Ell.	" "
818a	× " sp.	" "
	× " Porterianum Nash	" "
	× Chamaenerion angustifolium (L.) Scop.	" "
(319.)	× Viola dentata Pursh	" "
	× Drosera rotundifolia L.	" "
	× Polygala cruciata L.	" "
	× Limnodorum tuberosum L.	" "
	× Aletris farinosa L.	" "
	× Panicum sphagnicolum Nash	" "
	× Asclepias rubra L. !	" "
	× Juncus dichotomus Ell.	" "
	× " articulatus ~~L.~~ "Not that, too young"	" "
	× Rhyncospora alba (L.) Vahl.	" "
	× " glomerata (L.) Vahl.	" "
831a	× Juncus marginatus Rostk. !	" "
	× Eriophorum Virginicum. "Probably that, too young."	" "
	× Dulichium arundinaceum (L.) Britton	" "
	× Xyris flexuosa Muhl.	" "
	× Eleocharis tuberculosa (Michx.) R. & S.	" "
	× Prunus Avium L.	" "
	× Dasystoma flava (L.) Wood.	" "
	× Scleria pauciflora Muhl.	" "
	× Gaylussachia frondosa (L.) T. & G.	" "
	× Lactuca scariola L.	West Philadelphia Pa.
	~~Same as~~ 862 Lysimachia ciliata	" "

G.P.	A.M.E.	1899 July 12	Along the road over the hill. In the woods
"	"	"	" " " "
"	"	"	" " " "
"	"	"	Grass " " "
"	"	"	" " "
"	"	"	" " " (Fruit) Same as No 314
"	"	"	Along the road
"	"	"	" " "
"	"	"	" " "
"	"	"	" " "
"	"	"	In clumps of Sphagnum in the bog
"	"	"	" " " " "
"	"	"	" " " " "
"	"	"	Among the grass
"	"	"	& fine stemmed sp. in the sphagnum.
"	"	"	In bog
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	Along edge of ~~fields~~ woods.
"	"	"	~~In Dry places~~ In rocky woods on "Huckleberry" Hill
"	"	"	" " " " "
"	"	"	" " " " "
"	"	13	Waste places 574 Master
"	"	"	" " "

+	Sisymbium officinale (L.) Scop.	West Philadelphia.	Pa
+	Silene stellata (L.) Ait.	Upper Darby township Del. Co	"
	Rhus	"	" "
	Mentha spicata L.	"	" "
	Convolvulus	"	" "
+	Thalictrum polygamum Muhl.	"	" "
	[illegible]	"	" "
	Potamogeton	Springfield Township,	" "
	[illegible]	"	" "
	[illegible]	"	" "
	[illegible]	"	" "
	[illegible]	"	" "
×	~~Lactuca Canadensis L~~ Sonchus oleraceus L.	"	" "
	[illegible]	"	" "
	[illegible]	"	" "
	[illegible]	"	" "
	Lappula	"	" "
+	Prunus Avium L.	"	" "
+	" "	"	" "
+	" Cerasus L.	"	" "
	Fagus americana Sweet	"	" "
	Carpinus caroliniana Ait.	"	" "
	Allium tricoccum Ait	"	" "
+	Pyrola elliptica Nutt.	Upper Darby Township,	" "
	[illegible]	"	" "
	[illegible]	"	" "
	[illegible]	"	" "
	[illegible]	"	" "
	Origanum vulgare L.	"	" "
	Asplenium	"	" "
	Tilia	"	" "

1899

A.M.E.	July	13	Waste places.
"	"	"	Rocky places along Cobbs Creek, above Mill-bank Mills
"	"	"	Thicket, rear of Fernwood Cemetry
"	"	"	Burnmount.
"	"	"	Climbing over brakes. Levisville
"	"	"	" & along County line Rd. & W. Chester Rd.
"	"	"	Umbelliferae
"	"	"	In a pool of water with 849, Near a mill in ~~Haydale~~ Levisville
"	"	"	Near " " " "
"	"	"	" " " "
"	"	"	In mud ~~Haydale~~
"	"	"	~~Haydale~~ Levisville "
"	"	"	In rocky woods ~~above Haydale~~ above Levisville
"	"	"	" " " " "
"	"	"	In woods North branch of Levis Run.
"	"	"	Roadsides, red (sour) black sweet } Those two specimens were gathered from same as No. 44 } Same tree as No. 44 at Flowertime appear. all alike
"	"	"	Pie cherry, A small straggling tree with much fr. State Rd. West of Bridge & Darby Creek
"	"	"	Same as No 45
"	"	"	" " No 38, Along Darby creek.
"	"	"	In fine condition, Alluvial woods (fls) Same as No 42
"	"	"	Opp. "Allium" Woods, in woods. Near Fridley's Ford
"	"	"	In woods Near Fridley's Ford. Darby Creek
"	"	"	" " " " " "
"	"	"	" " " " " "
"	"	"	Along County line Rd. On grassy banks
"	"	"	" " " "
"	"	"	"

× Juglans nigra	Upper Darby Township, Del Co. Pa	
× Hicksoria alba (L.) Britton	Haverford " " "	
× " ovata (Mill.) Britton	" " " "	
× " glabra odorata (Marsh) Sarg.	" " " "	
Gemmingia Chinensis (L.) Kuntze	" " " "	
× Hicksoria alba (L.) Britton.	West Philadelphia Pa	
× Hicoria glabra – (form.)	" " "	
Rhus	" " "	
Xanthoxylum americanum Mill	Angora. West Philadelphia "	
× Malus Malus (L.) Britton	" " "	
880a Verbena urticifolia L.	" " "	
~~882a~~ × Hicksoria ovata (Mill.) Britton	" " "	
Cyperus	" " "	
× Gnaphalium uliginosum L.	" " "	
× Carex lurida Wahl	" " "	
—886a " ~~flaccida~~ Bailey.	" " "	
Sparganium	" " "	
Asclepias pulchra Ehrh.	" " "	
× Hickoria ovata (Mill.) Britton	" " "	
× Cichorium Intybus L.	Germantown, Phila. Pa	
Brunella vulgaris	" " "	
Asclepias incarnata L.	" " "	
Mimulus	" " "	
Hypericum	" " "	
Juncus	" " "	
Polygala	" " "	
Ludwigia alternifolia	" " "	
Mentha arvensis L.	" " "	
Verbascum thapsus	"	

	1899		
d. M 8	July	13	In woodland along County Line Rd.
	"	16	A large tree among a small clump of thin sp. along N. branch of Taylor's Cotton run. few hundred feet west of County line road. bark smooth!
	"	"	In field. along fence of County line Rd. N. E. cor of Co. line Rd & Barrettford Rd. same as 1605. Bark separating in layers
	"	"	opp. tree a little So. of 873. along the road. Bark smooth & white same as 1609
	"	"	In muddy places.
	"	"	Along a fence on Carpenter's farm.
	"	17	The smooth bark tree near R.R. beyond Hunter's Woods. Same as 263
	"	"	The rough bark. (smooth at first then separating in layers. " " 266
	"	"	Along the Woods. Ravine, Jones's estate. beyond Hunter Hill.
	"	19	In fruit. In wood same as No 81
	"	"	Fruit same as No 85; only found one fruit on otherwise identical Tree.
	"	"	This tree is further north & was laden with fruit. Woodlands
	"	"	A large tree, edge of corn-field. N. of 881a. Bark at Ist white & smooth, then separating in strips.
	"	"	Wet places in Cornfield.
	"	"	Dry places in pastures
	"	"	swamp. south side of Baltimore ave
	"	"	" " " " "
	"	"	" " " " "
	"	"	Same as 275. small clump of trees along S 2nd St. bll. woods. (bark rough & smooth.)
	"	20	Frequent meadow along Gorgas Lane
			Common " "
			" "
			" "
			dry places " "
			dry places " "
			among grass " "
			" " " "
			" " " "
			" " " "

900	× Hickoria glabra (Mill.) Britton	Germantown. Philadelphia Pa.
901	Morus alba L.	" "
902	Cyperus sp.	" "
903	Eleocharis	" "
904	Euphorbia	" "
905	Panicum clandestinum L.	" "
906	+ Hickoria ovata (Mill.) Britton	" "
907	Lycopus ~~sinuata~~ sinuatus Nuhl.	" "
908	× Hickoria alba (L.) Britton.	" "
909	× Prunus serotina	" "
910	Asplenium	" "
+(910a)=125	Sassafras Sassafras (L.) Karst.	" "
911	× Agrimonia ~~hirsuta~~ (Muhl.) Bicknell.	" "
912	× Carex ~~lurida~~ stipata sp. nov. Wahl.	" "
913	Scirpus	" "
914	"	" "
915	× Hickoria ~~glabra~~ ~~odorata (Marsh.) Sarg.~~ speciosa n. sp.	" "
916	× Juglans regia L.	" "
917	+ Prunus padus L	" "
918	+ " virginiana L.	" "
919	Ailanthus glandulosa	Philadelphia Pa
920	+ Potentilla ~~norvegica~~ Monspeliensis elongata	"
921	× Hickoria alba (L.) Britton.	Crescentville. Phila. Pa.
922	Prunus padus L.	" "
923		" "
924		" "
(923)=136a	Juglans nigra L	Germantown. " "
925	Euphorbia	
926	+ Prunus ~~domestica~~ demissa (Walt.) Wats.	Wynnewood. Montgomery Co. Pa
927	+ " domestica L.	" "
928	Broussonetia papyrifera (L.) Vent.	West Phila. Pa.
929	Acer platanoides L.	Haverford Township. Del. Co. Pa.

Ft and Remarks

		1899	
S.M.E.	July	20	Same as 246. bark, blark not shaggy.
"	"	"	" " 120
"	"	"	along stream near 901
"	"	"	In a rill near sprig-house W. edge ywoods where 900 grows.
"	"	"	along the road forming flat masses
"	"	"	Banks along S. side of Gorgas Lane
"	"	"	Along fence near 250 (probably the same ?) bark at
"	"	"	near 902. banks of stream (length scaley.
"	"	"	same as 251 bark smooth fruit 15-97.
"	"	"	Same as 252 In fruit.) Gorgas Lane
"	"	"	Swamps (along Lime Kiln Pike. near County line).
"	"	"	" " " " "
"	"	"	" " " " "
"	"	"	" " " " "
"	"	"	" " " " "
"	"	"	Along Lime Kiln Pike (below County Line Rd (trunk black & smooth) about near next. fruit 1600
"	"	"	" " " " " " " "
"	"	22	Along Reading RR. same as 126 Practically no fruit.
"	"	22	same as 127 Fruit.
"	"	21	Same as 489 in Museum yard
"	"	"	" " "
"	"	22	Same as 131. bark smooth & white
"	"	"	" " 139 No. fruit. perhaps too late. but no signs of it.
"	"	"	" " 136
"	"	"	Along P & R. RR. above Walnut Lane. growing in cinders. ascending.
"	"	23	A form like 918. but having elongated spike. upright berries larger.
"	"	"	A cultivated sp. of Plum. Fruit (at this date) sour slightly astringent.
"	"	24	Within the fence. south side of Market St. & 63rd.
"	"	"	Along County Line Rd. (fruiting specimens.)

	Monarda fistulosa L.	Haverford.	Delaware Co. Pa
	Origanum vulgare L.	"	" " "
	Asplenium filix-foemina (L.) Bernh.	"	" " "
	Dryopteris marginalis (L.) A. Gray.	"	" " "
	" spinulosa (Retz.) Kuntze. var.	"	" " "
	" "	"	" " "
	× Rubus villosus Ait. ~~canadensis L.~~	"	" " "
	Rhexia virginica L.	"	" " "
	Crotolaria sagittalis L.	Mt Holly.	N. J.
	Cyperus	New Lisbon	Burlington Co. N. J.
	Lodicia Tenax		"
			"
	Convolvulus		"
			"
	Panicum		"
			"
	"		"
	Lygodium palmatum		"
	Melampyrum		"
	Crotolaria sagittalis L.		"
	Monarda punctata L.		"
	[illegible]		"
	Lycopus Americanus Muhl.		"
	Lilium superbum		"
	+ Clethra alnifolia L.		"
	Andropogon scoparius Michx.		"
	× Solidago odora Ait		"
	Lupulus		"
	Panicum		"

A.M.E.	July	1899 24	Along Colles Creek
"	"	"	" " "
"	"	"	" " " in rocky places
"	"	"	" " " " " "
"	"	"	" " Mfg. [illegible]
"	"	"	along Gibson's mill, run. 934 in the Ledger.
"	"	"	" " "
"	"	"	" " " Along Rd. to Haverford Rd.
M. Aaron	"	?	Presented by Mr Aaron Sr. 7/24/99.
A.M.E.	"	26	Along the R.R.
"	"	"	" "
"	"	"	" "
"	"	"	" "
"	"	"	" "
"	"	"	" "
"	"	"	" "
"	"	"	" "
"	"	"	West bank of the Rancocas Creek. S of the R.R.
"	"	"	" " " "
"	"	"	Along the R.R.
"	"	"	" "
"	"	"	" "
"	"	"	" " ditches
"	"	"	Peat bog west of 446
"	"	"	" " " "
"	"	"	" " " "
"	"	"	" " " "
"	"	"	" " " "
"	"	"	" "

Lobelia Nuttallii R & S. New Lisbon, Burlington Co. N.J.
Lechea
× Aronia arbutifolia (L.) Ell.
Cephalanthus occidentalis L.
Vaccinium pennsylvanicum
Hypericum
Ascyrum
Pinus
Panicularia
× Fericocarpus asteroides (L.) B.S.P.
Scirpus
— Panicum longifolium Torr.
Iris
Polygala lutea
" mut
Rhus copallina L.
Seleria
"
Cyperus diandrus
— Vaccinium corymbosum L.
— Gaylussachia resinosa (Ait.) Ag.
— Amplicarpon pursh
Prunus mahaleb L. Bartram's Garden Phila Pa.
" demissa
~~III~~ = 60 Rhododendron tetraptera ( ) Britton.
Ulmus
+ Hickoria glabra (Mill.) Britton.
+ Pyrus japonica Humb.

VA 14 20 log west of Rancocas Creek. South of the R R

27 Same as No 65

" " No 67

" " No 66

" " No 71

" " No 2-76 Bark rough & black interior portion of

" " No 78

(99)=77 Magnolia obovata Thunb. — Bartram's Garden. Phila. Pa.
Panicum ~~virgatum~~ Muhl. — Williamson School, Delaware Co. Pa.
Acerates viridiflora (Raf.) Eaton — "
Galium — "
Ceanothus americanus — "
× Hieracium scabrum Michx. — "
Euphorbia — "
" — "
Asclepias verticillata L — "
Fimbristylis — "
Panicum — "
Mollugo verticillata L — "
× Senecio Smallii Britton. — "
Veronica — "
Smilax glauca Walt. — "
Juniperus communis L — "
Dasystoma flava — "
Corylus americana Walt. — "
? Angelica villosa (Walt.) B.S.P. — "
Euphorbia corollata L. — "
Koellia flexuosa (Walt.) MacM. — "
× ~~Helianthus strumosus~~ Helianthus scabra Small. L. — "
Rhus radicans L. — West Phila. Pa.
× Eupatorium purpureum L — Clementon. N.J.
Rhexia — "
— Panicum barbulatum Mx — "
Lysimachia terrestris (L.) B.S.P. — "
Linum — "
Cyperus — "

July 1st [illegible]
R.R. [illegible] near station
[illegible] places

many [illegible]

[illegible] of woods
[illegible] [illegible]

[illegible] in thickets
along R.R.

[illegible] places
woods
very many species covering the hills were [illegible] places,
frequent on the Serpentine
[illegible]
[illegible] thickets of low growing shrubs
open land along R.R.
woods
fields
[illegible]

" 31 In fruit along Montgomery Turnpike. From one of the "bush" form. photograph. for bulletin.
July 2 Meadow S.E of station

"
"
"
"

woodside in dry situations

	Cyperus	Clementon, N.J.
+	Solidago odora Ait.	" "
	Xyris	" "
	Oxalis	" "
×	Monotropa uniflora L.	" "
	Linum	" "
×	Eupatorium rotundifolium L.	" "
	Bifolia	" "
×	Rubus hispidus L.	" "
		" "
×	Dianthus Armeria L	" "
	Xyris	" "
×	Drosera intermedia Hayne	" "
	Decodon verticillatus (L.) Ell.	" "
	Habenaria blephariglottis (Willd.) Torr.	" "
–	Gaylussachia frondosa (L.) T. & G.	" "
	Utricularia inflata	" "
	Eriocaulon	" "
	Rhexia virginica L	" "
	Bartonia virginica (L.) B.S.P.	" "
+	Clethra alnifolia L	" "
	Typha latifolia L.	" "
+	Drosera rotundifolia L.	" "
	Vaccinium vacillans Kalm.	" "
	Gaylussacia resinosa (Ait.) T. & G.	" "
	Polygonum	" "
		" "
	Dulichium arundinaceum (L.) Britton.	" "
	Salix	" "

T. 2 N. E.	Aug. 2 1895		Roadsides
"	"	"	Dry places. Woods.
"	"	"	" roadsides
"	"	"	" "
"	"	"	woods.
"	"	"	Wet place in marsh near 1010
"	"	"	Dry places
"	"	"	Swamps.
"	"	"	"
"	"	"	
"	"	"	Field
"	"	"	Dry places along road.
"	"	"	Edge of Lake
"	"	"	" "
"	"	"	Pine barrens
"	"	"	" "
"	"	"	In Lake
"	"	"	" "
"	"	"	Edge of Lake
"	"	"	Pine barrens
"	"	"	" "
"	"	"	Swampy places
"	"	"	" "
"	"	"	Dry place edge of a sand bank
"	"	"	" " barrens
"	"	"	In water head of lake, forming large beds.
"	"	"	Climbing over low shrubs. pine barrens
"	"	"	In water
"	"	"	A peculiar form, near the mill, cultivated from a trait brought from the Bathbell Mts.

?	Commelina nudiflora L.	West Manayunk, Montgomery Co. Pa.
	Mimulus moschatus Dougl.	" "
	Anagallis arvensis L.	
x	Eclipta alba (L.) Hask.	" " "
	Chrysanthemum parthenium (L.) Pers.	" " "
	Ilypanthes attenuata (Muhl.) Small	" " "
+	Roripa palustris (L.) Bess.	" "
	Impatiens biflora Walt.	" " "
	" aurea Muhl.	" " "
	Ipomoea pandurata (L.) Meyer	" " "
?	Meibomia canescens (L.) Kuntze.	" " "
	Anychia dichotoma Michx.	" " "
	Cassia marylandica L.	" " "
	Meibomia paniculata (L.) Kuntze.	" " "
	Nyssa sylvatica Marsh.	" " "
	Urticastrum divaricatum (L.) Kuntze.	" " "
	Trichostema dichotomum L.	Egg Harbour City, N.J.
x	Hieracium ~~Gronovii~~ Scabrum Michx.	" "
1061a x	Panicum digitarioides Carpenter	" "
x	Rubus cuneifolius Pursh	" "
	Meibomia rigida (Ell.) Kuntze	" "
	" obtusa (Muhl.) Vail	" "
	Cyperus ovularis (Michx.) Torr.	" "
+	Aronia nigra (Willd.) Britton	" "
	Oenothera humifusa Nutt.	" "
	Asyrum stans Michx.	" "
	" hypericoides L.	" "
	Asclepias tuberosa L.	" "
x	Sericocarpus linifolius (L.) BS.P.	" "
	Panicum	

Tho R.	Fd. M. C.	Aug 1111 1899		Along the P. & R. R.R.
"	"	"	"	" on wet rocks
"	"	"	"	" " " "
"	"	"	"	wet places.
"	"	"	"	" "
"	"	"	"	" "
"	"	"	"	Along the river road
"	"	"	"	" "
"	"	"	"	" "
"	"	"	"	" "
"	"	"	"	woods
"	"	"	"	"
"	"	"	"	dry hills
"	"	"	"	woods
"	"	"	"	roadsides.
"	"	14		Sandy places along the R.R.
"	"	"		"
"	"	"		"
"	"	"		"
"	"	"		"
"	"	"		"
"	"	"		" in gutters along Roadside
"	"	"		"
"	"	"		"
"	"	"		"
"	"	"		"
"	"	"		"
"	"	"		"
"	"	"		"

	Lobelia nuttallii R.&S.	Egg Harbour City, N.J.
	Schizaea pusilla Pursh.	" "
	Habenaria blephariglottis (Willd.) Torr.	" "
	" cristata (Michx.) R. Br.	" "
	Xyris flexuosa Muhl.	" "
	Polygala lutea L.	" "
	+ Drosera filiformis Raf.	" "
	Eriophorum virginicum L.	" "
	x Aster spectabilis Ait.	" "
	~~Sorghastrum avenaceum (Michx.) Nash.~~	
	— ½ Chrysopogon nutans amplexicaulis J. & Smith.	" "
	Asclepias (obtusifolia Michx.) = Syr.	" "
	Hypericum canadense L.	" "
	Polygala cruciata L.	" "
	? Cyperus strigosus robustior Kunth	West Philadelphia. Pa
	Lycium vulgare (Ait. f.) Dunal.	" "
	Hibiscus Trionum L.	" "
	Eragrostis Eragrostis (L.) Karst.	" "
	Agrimonia parviflora Soland.	" "
	Helenium nudiflorum Nutt.	" "
	Prunus Americana Marsh.	" "
	Convolvulus sepium L.	" "
	~~Dysphoorus viridulus~~ Chaetochloa italica (L.) Scribn. (L.) Nash.	" "
	Solanum Carolinense L.	" "
	Ipomoea hederacea Jacq.	" "
	" purpurea (L.) Roth.	" "
	Lobelia inflata L.	" "
	Meibomia nudiflora (L.) Kuntze.	" "
	Oxalis stricta L.	Haverford Township, Delaware Co. Pa
	Anagallis arvensis L.	" "

T. M. E.	1899 Aug. 14	Sandy bog.	
"	" "	" "	
"	" "	Wet Pine Barrens	
"	" "		
"	" "	"	
"	" "	Boggy places	
"	" "	"	
"	" "	"	
"	" "	Along R.R. Sandy places	
"	" "	" "	
"	" "	" "	
"	" "	Bogs, sandy,	
"	" "	sandy bog.	
"	" 17	Dry places. roadside 52 + Westminster Ave	
"	" "		
"	" "	Among grass. 6.32 Lansdowne Ave	
"	" "	Along curb-stone	
"	" "	Low. grounds. Indian Run	
"	" "	" " " "	
"	" "	Along. State Rd.	
"	" "	Fields " "	
"	" "	" " "	
"	" "	" " "	
"	" "	" " "	
"	" "	" " "	
"	" "	" " "	
"	" "	Dry woods. near Cobb's Creek	
"	" "	fields. " " "	
"	" "	" " "	

1003		Alisma plantago-aquatica L.	Haverford Township. Delaware Co. Pa.
1004		Callitriche heterophylla Pursh.	" " "
1005		Heteranthera reniformis R. & P.	" " "
1006	+	Agrimonia mollis (T. & G.) Britton.	" " "
1007		Dasystoma pedicularia (L.) Benth.	" " "
1008		Chenopodium Boscianum Moq.	" " "
1009		Physalis Philadelphica Lam	" " "
1010		Tecoma radicans (L.) DC.	" " "
1011		Hypericum mutilum L.	" " "
1012		Lobelia cardinalis L.	" " "
1013		Homalocenchrus oryzoides (L.) Poll.	" " "
1014	+	Crataegus crus-galli L	Perryville, Cecil Co. Md
1015	+?	Ficus sp.	" " "
1016	+?	Aristida oligantha Michx	" " "
1017	+	Eragrostis capillaris (L.) Wees.	" " "
1018	+	Cyperus filiculmis Vahl.	" " "
1019	+	Hibiscus militaris Cav.	York Furnace, York Co. Pa.
1019a	+	Castanea dentata (Marsh.) Borkh.	" " "
1020	+	" pumila (L.) Mill.	" " "
1021	+	Quercus alba L	" " "
1022	+	" platanoides (Lam.) Sudw.	" " "
1023	+	" primus L	" " "
6	+	~~Verbesina alternifolia (L.) Britton.~~	" " "
1024	+	~~Helianthus strumosus L.~~	" " "
25	+	~~Helenium autumnale L.~~	" " "
1025	+	Meibomia Dillenii (Darl.) Kze.	" " "
1026	+	Solidago Canadensis L.	" " "
1027	+	Aristida ~~gracilis Ell.~~ dichotoma Mich.	" " "
1028	+	Tsuga Canadensis (L.) Carr.	" " "
1029	+	Humulus lupulus L.	" " "

o. Pa.	d. M. E.	1899 Aug. 17.	In muddy places along Cobb's Creek
"	"	" "	" " floating in the water " "
"	"	" "	" "
"	"	" "	Dry Woodlands.
"	"	" "	" "
"	"	" "	" "
"	"	" "	among bushes, roadside
"	"	" "	roadside
"	"	" "	Low grounds.
"	"	" "	" "
"	"	" "	" "
"	"	Aug 28	High shore of Chesapeake Bay sam[illegible]
"	"	" "	South side of East Pier of P.R.R. Bridge
"	"	" "	" " " dry ground
"	"	" "	" " " " " "
"	"	" "	" " " " " "
"	"	" "	Bair's Island.
"	"	" "	Roadside Islands. Safe Harbour. Sept. 1.
"	"	" "	Dry woods.
"	"	" "	Bottoms
"	"	" "	"
"	"	" "	Dry upland.
"	"	" "	Bottoms
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	Dry places among rocks
"	"	" "	Field back of hotel
"	"	" "	Thicket in bottom

	Cardamus altissimus L.	York Furnace,	York Co. Pa
×	" discolor (Muhl.) Nutt.	"	" "
×	Phlox paniculata L.	"	" "
×	Cassia chamaecrista L.	"	" "
×	Ipomoea pandurata (L.) Meyer.	"	" "
×	" lacunosa L.	"	" "
×	Physalis virginiana Mill.	"	" "
×	Paspalum ciliatifolium Michx. ~~setaceum Michx.~~	"	" "
×	" laeve Michx.	"	" "
×	Polygonum tenue Michx.	"	" "
×	Cyperus strigosus L.	"	" "
×	" Lancastriensis Porter.	"	" "
×	" rivularis Kunth.	"	" "
144a ×	Viola sagittata Ait.	"	" "
×	Lobelia syphilitica L.	"	" "
×	Stenonema lanceolatum (Walt.) A. Gray.	"	" "
×	Eupatorium coelestinum L.	"	" "
×	Gerardia purpurea L.	"	" "
×	Polygala ambigua Nutt.	"	" "
×	Gymnotaxis gracilis (Bigel.) Kuntze.	"	" "
×	~~Jamesianum sp.~~ Peltigera aphthosa (L.) Hoffm	"	" "
×	Helianthus divaricatus L.	"	" "
×	Chimaphila umbellata (L.) Nutt.	"	" "
×	Rhus copallina L.	"	" "
×	Vitis Labrusca L.	"	" "
×	Sanicula Marylandica L.	"	" "
×	Koellia incana (L.) Kuntze. Linaria vulgaris (Juss.) Lyc.	"	" "
×	Viola ~~dentata Pursh.~~	"	" "
×	Aster cordifolius L.	"	" "

d M.E.	1899 Aug	29	Bottoms
"	"	"	"
"	"	"	"
"	"	"	" sandy soil
"	"	"	Field
"	"	"	"
"	"	"	"
"	"	"	Wet ground, among sand & rocks
"	"	"	"
"	"	"	dry ground,
"	"	"	Moist ground
"	"	"	"
"	"	"	" Pegma
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	Open places, common
"	"	"	Moist places
"	"	"	Dry woods
"	"	"	" roadsides
"	"	"	Woods, in shade
"	"	"	Dry woods
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"

× Lactuca hirsuta Muhl. York Furnace, York Co. Pa
× Hieracium scabrum Michx. " " "
× Peramium pubescens (Willd.) MacM. " " "
× Stylosanthes biflora (L.) B.S.P. " " "
1164a " " var. " " "
× Meibomia Marylandica (L.) Kuntze " " "
× " Michauxii Vail. " " "
× " paniculata (L.) Kuntze. " " "
× Homalocenchrus Virginicus (Willd.) Britton " " "
× Collinsonia Canadensis L. " " "
× Aralia racemosa L. " " "
× Lactuca Canadensis L. " " "
× Mitchella repens L " " "
× Nabalus " " "
× — " " "
× Magnolia tripetala L. " " "
× Napaea dioica L. Sida hermaphrodita Britton " " "
× Betula lenta L. " " "
× Cimicifuga racemosa (L.) Nutt. " " "
× Saururus cernuus L. " " "
× Perilla frutescens (L.) Britton " " "
× Vitis vulpestris Scheele. " " "
× Rhexia Virginica L " " "
× Eleocharis palustris (L.) R. & S. " " "
1183a " E. palustris (L.) R. & S. " " "
1× Sagittaria " " "
× Boltonia asteroides (L.) L'Her. " " "
×? ~~Salix~~ "Chrysanthus" Virginica Potentilla " " "
× Andropogon furcatus Muhl. " " "
× Panicum virgatum L. " " "
× Fraxinus nigra Marsh. lanceolata Borck. " " "

Pa	d.M.C.	1899 Aug 29	Woods	ravine back of York Furnace Hotel	
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	Dry places	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	"	"	"
	"	"	Labrador	"	"
	"	"	River bk	ravine	"
	"	30	Moist place.	along bound bank at Bridge	
	"	"	Woods	near school house	
	"	"	"	"	
	"	"	Low ground	"	
	"	"	roadsides		
	"	"	On Bair's Island.		
	"	"	Low ground		
	"	"	In pools of water on Bair's Island.		
	"	"	Oegnea Sept 4.	"	
	"	"	"		
	"	"	growing among rocks, edge of River		
	"	"	grass "	"	
	"	"	"	"	
	"	"	among rocks, low		

190 + Sabbatia angularis (L.) Pursh York Furnace, York Co. Pa
191 + Aster " " "
192 + Satureia hortensis L. " " "
193 + Lespedeza " " "
193 a + " variety. L. frutescens (L.) Britton " " "
194 + " Virginiana (L.) Britton " " "
195 + " violacea (L.) Pers " " "
196 + Cornus amomum Mill. " " "
197 - Hickoria minima (Marsh.) Britton. " " "
198 + Meibomia sessilifolia (Torr.) Kuntze Tucquan, Lancaster Co. Pa
199 + Lechea racemulosa Mich. " " "
200 + Aegopis intermedia Scribn. " " "
200 a + " " " " " " "
201 +? Scleria triglomerata Michx. " " "
202 + Euphorbia corollata L " " "
203 + Ilex verticillata (L.) A. Gray. " " "
204 + Coreopsis tripteris L. " " "
204 a + " " " " " " "
205 + Leucothoe racemosa (L.) A. Gray. " " "
206 -? Vaccinium stamineum L " " "
207 + Solidago odora Ait. " " "
207 a + Dasystoma pedicularia (L.) Benth. " " "
208 +? Cuscuta compacta Juss. Cephalanthi Engelm. " " "
209 + Eupatorium rotundifolium L. " " "
210 - Solidago nemoralis Ait. " " "
211 a + Scirpus debilis Pursh. " " "
212 + Cyperus dentatus Torr " " "
213 + Allium cernuum Roth. " " "
214 +? Solidago Eulmifolia Muhl. graveolens Ait " " "
215 a + + Equisetum littorale Kuehl. " " "
216 + Commelyna Virginica L. " " "
217 + Diodia teres Walt. " " "

1899

A.M.S. Aug 30 Open places. Baird's island.

" " " Among rocks. " "

" " " " " " " (Labiate.)

" " " On sand " "

" " " " " " "

" " " Open places among grass " "

" " " Thickets, [illegible]

" " " Woods along the canal near the river Baird's island see Nos 228 & 767

" " 31. Above the mouth of the Tuscarora in sandy soil.

" " " On sandy soil Hunter's island

" " " Dry soil Aequia. Lancaster Co. Sept. 4. " "

" " "

" " " common everywhere " "

" " " Wet places " "

" " " Among rocks in the woods " " "

" " " Among rocks McCalls Ferry Lancaster Co. Sept 2. " "

" " " " " " "

" " " " " " "

" " " Dry soil " " " "

" " " Dry soil. McCalls Ferry. York Co. Sept. 2. " "

" " " growing on Saururus cernuus " "

" " " dry soil in the woods " "

" " " " "

" " " Dry rocky hillsides. McCalls Ferry. Sept. 2. Lancaster Co.

" " " In water

" " " " "

" " " wet places crevices of rocks.

" " " In woods

" " " McCalls Ferry Sept. 2. Lancaster Co.

" " " In water, shore of a pool.

" " " In sandy places

" " " " "

+	Diospyros Virginiana L.	Turquan, Lancaster Co. Pa
-	Aster patens Ait.	" "
+	Strophostyles umbellata (Muhl.) Britton	" "
-	Cyperus ~~Lancastrensis~~ Porter ?	" "
+	Potamogeton	" "
+	Chara	" "
+	Rhododendron maximum L.	" "
-	Meibomia Canadensis (L.) Kuntze.	" "
+	Cunila origanoides (L.) Britton	" "
+	Polymnia Uvedalia L.	" "
+	Helianthus tuberosus L.	Safe Harbour, "
-	Bidens cernua L. ~~Lucens L. B.S.P.~~	" "
1230a	+ Cheilanthus lanosa (Michx.) Watt ~~Lanosa (L.) B.S.P.~~	" "
-	Asplenium platyneuron (L.) Oakes.	" "
+	Selaginella rupestris (L.) Spring.	" "
+?	Meibomia canescens (L.) Kuntze ~~Viridiflora (Sw.) Kuntze~~	" "
-	Commelina ~~hirtella~~ Vahl.	" "
-	Equisetum arvense L. ?	" "
+	Eragrostis hypnoides (Lam.) B.S.P.	" "
+	Commelina	" "
+	Solidago	" "
-	Woodsia obtusa (Spreng.) Torr	" "
+?	Helianthus divaricatus L.	" "
+	Vitis aestivalis Michx.	McCalls Ferry, Lancaster Co. Pa
+	Gerardia tenuifolia Vahl.	" "
+	Trichostemma dichotomum L.	" "
+	Sarothra gentianoides L.	" "
+	Hieracium venosum L.	" "
+	Asplenium pinnatifidum ~~montanum~~ Nutt. Hill.	"

1247a

Pg	A.M.E.	1829 Aug.	31	From a small trailing tree growing in a cleft of the rock. island
"	"	"	"	Sandy places. on the island
"	"	"	"	" " "
"	"	"	"	In the woods
"	"	"	"	In pool
"	"	"	"	"
"	"	"	"	Near Hartmans
"	"	"	"	near the mouth of the Lnegecon, mainland.
"	"	"	"	woods
"	"	"	"	Along the R.R. N. of Station.
"	"	Sept.	1	Along the river shore
"	"	"	"	Wet places on the islands
"	"	"	4	Cequia Wet places among rocks.
"	"	"	1	On rocks above station (along R.R.)
"	"	"	"	" " "
"	"	"	"	" " "
"	"	"	"	Along R.R. this may be M. Sillemi. but is very rough & pan simple
"	"	"	"	On rock along R.R.
"	"	"	"	Sandy shore of river
"	"	"	"	"
"	"	"	"	On rocks along R.R below. S.H.
"	"	"	"	" " "
"	"	"	"	On rocks " " fern
"	"	"	"	" along R.R.
Pg	"	"	2	growing over rocks & trees. above the station
"	"	"	"	Dry woods
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	On rocks in running water.
"	"	"	"	" " " "

-	Pinus pungens Michx. f.	McCalls Ferry, Lancaster Co. Pa
+	Symplocos suaveolens (L.) Raf.	" Yorks Co. "
-	Mesadenia atriplicifolia (L.) Raf.	" " "
+	Pinus strobus L.	" " "
+	Cladonia rangiferina (L.) Hoffm. ~~rangiferina L.~~ !!!	" " "
-	Dasystoma laevigata (Raf.) Chapm.	" " "
-	Rudbeckia laciniata L.	" " "
+	Solidago bicolor L.	" " "
+	Lacinaria spicata (L.) Kuntze	" " "
+	Ilex opaca Ait.	" " "
-	Porax quinquefolium L.	York Furnace " "
+	Medeola Virginiana L.	" " "
+	Phegopteris hexagonoptera (Michx.) Fee.	" " "
+	Nabalus altissimus (L.) Hook	" " "
+	Lycopodium lucidulum Michx.	" " "
-	Viburnum acerifolium L.	" " "
+	Lactuca sagittifolia Ell	" " "
+	Aster divaricatus ~~L.~~ A. Claytonii Burgess	" "
+	Asclepias ~~rubra L.~~ variegata L.	" " "
+	Celastrus scandens L.	" " "
?	Quercus ~~nigra L.~~ marylandica Muench	" "
+	Lespedeza procumbens Michx.	" "
-	Nabalus trifoliatus Cass.	" "
+	Gentiana	" "
+	Cyperus	" "
+	Eragrostis ~~frankenianthead.~~ Purshii Schrad.	Pequea, Lancaster Co. Pa
+	" major Host.	" "
?	Cyperus inflexus Muhl	" "
+	Chara sp	" "
+	" sp.	"

	A.M.E. Sept 2	Mountain side above R.R. station.
	" " "	Among rocks along wooded shore
		Rocky woods Pequea Sept. 4
	" " "	" "
		Two Rocky woods Pequea " "
	" " "	In woods above the ferry. (I noted a very large tree in Ravine in Lancaster Co. side)
	" " "	Dry woods
	" " "	" on an island above McCalls
	" " "	" " " "
	" " "	"
	" " "	growing on edge of precipice opp. " " "
	" " "	Islands, above the previous island, there was quite a thicket
	" " 3	Rich woods near school house
	" " "	" in Ravine
	" " "	" "
	" " "	" "
	" " "	" "
	" " "	" "
	" " "	" "
	" " "	Dry woods
	" " "	Along fences
	" " "	A peculiar form of Oak along the lane to Posey's. Dry ground
	" " "	Dry banks
	" " "	Woods ravine
	" " "	" "
	" " 4	Shallow pools of water Pequea.
	" " "	Sandy shore of the Susquehanna
	" " "	" "
	" " "	Mud among pools in rocks
	" " "	In shallow pools
	" " "	"

×		Pequea, Lancaster Co. Pa.
×	Helenium autumnale L.	" " "
+?	Cyperus dentatus Torr.	" " "
×	Sium cicutaefolium Gmeln.	" " "
× ?	Equisetum ~~palustre~~ L. (Littorale)	" " "
×		" " "
×	Agrimonia mollis (T. & G.) Britton	" " "
×	Nabalus albus (L.) Hook.	" " "
×	Falcata comosa (L.) Kuntze.	" " "
×	Panicum Crus-galli L.	" " "
×	Andropogon (scoparius Mich.)	" " "
×	Scirpus cyperinus (L.) Kunth.	York Furnace, York Co. Pa.
×	Bidens connata Muhl.	" " "
×	Vitis ~~cordifolia~~ Michx. (vulpina L. sec. Britton)	" " "
	Coronilla varia L.	Kaighns Pt. Camden Co. N.J.
×	Diplotaxis tenuifolia (L.) DC.	" " "
×	Helenium autumnale L.	" " "
×	Solidago serotina Ait.	" " "
×	Aster ericoides L.	" " "
×	Artemisia vulgaris L.	" " "
×	Malva sylvestris L.	" " "
×	Matricaria inodora L.	" " "
	Acnida cannabina L.	" " "
×	Bidens laevis (L.) B.S.P.	" " "
×	Arctium Lappa L.	" " "
×	" minus Schk.	" " "
× ?	Aster Tradescanti L. v. paniculatus Lam.	" " "
	Mentha alopecuroides Hull.	" " "
	Atriplex rosea L.	" " "

1899

d.M.E.	Sept.	4	A small grass in sandy flats along river
"	"	"	Wet places among rocks
"	"	"	" "
"	"	"	" "
"	"	"	" "
"	"	"	" " A small sedge
"	"	"	Woods along R.R.
"	"	"	" "
"	"	"	" "
"	"	"	Sandy places, along paths.
"	"	"	Along R.R. forming large clumps.
"	"	"	Wet places among rocks Bair's island
"	"	"	" " "
"	"	"	Thicket near the high telegraph pole " "
"	"	23	On ballast grounds
"	"	"	"
"	"	"	Swampy (marshy) places along ~~the~~ river
"	"	"	"
"	"	"	waste places
"	"	"	On ballast grounds
"	"	"	"
"	"	"	"
"	"	"	Marsh Marshes along the Delaware
"	"	"	"
"	"	"	Ballast grounds
"	"	"	"
"	"	"	Dry ground. Shipyard wharf.
"	"	"	Ballast ground
"	"	"	"

×	Helianthus annuus L.	Kaighns pt. Camden Co. N.J.
	Avena	" " "
	Panicum	" " "
×	Bidens frondosa L.	Springfield Township Delaware Co. Pa.
×	Gnaphalium obtusifolium L.	" " "
×		" " "
×	Aristida dichotoma Michx.	" " "
×	" oligantha Michx.	" " "
×	Aster cordifolius L.	" " "
×	" lateriflorus (L.) Britton	" " "
×	Xanthium Canadense Mill.	" " "
×	Hedeoma pulegioides (L.) Pers.	" " "
×	Solidago nemoralis Ait.	" " "
×	Parsonsia petiolata (L.)	" " "
×	Allium tricoccum Ait.	" " "
×	Muhlenbergia diffusa Schreb.	" " "
×	Linaria Linaria (L.) Karst.	" " "
×	Solidago flexicaulis L.	" " "
×	Urticastrum divaricatum (L.) Kuntze.	" " "
×	Phytolacca decandra L.	" " "
×	Leptamnium Virginianum (L.) Raf.	" " "
×	Aster divaricatus L.	" " "
×	Chelone glabra L.	" " "
×	Bidens cernua L.	" " "
×		" " "
×	Solidago caesia L.	" " "
×	Aster puniceus L.	" " "
×	Lespedeza hirta (L.) Ell.	" Willow Grove, Montgomery Co.
×	Adopogon Virginicum (L.) Kuntze.	" "

A.M.E.	Sept. 1899 23	Ballast grounds.		
"	" "	"		
"	" "	Grass. "		
"	" 28	& grass collected by Findley near Smyrna. (number xtra) roadsides	near Darby Creek.	
"	" "	"	"	
"	" "	grass. "	"	
"	" "	"	"	
"	" "	"	"	
"	" "	" under trees		
"	" "	"		
"	" "	"		
"	" "	"		
"	" "	" dry banks		
"	" "	"		
"	" "	Rich woods	along the creek	
"	" "	meadows	"	
"	" "	"	"	
"	" "	Woods	"	
"	" "	"	"	
"	" "	"	"	
"	" "	"	"	
"	" "	"	"	
"	" "	"	"	
"	" "	"	"	
"	" "	meadow	"	
"	" "	roadsides	"	near State Rd.
"	" "	woods	"	
"	" "	wet places	"	
"	" 29	Dry places, roadside	near Darby Creek.	
"	" "	Moist, Banks.		

+ Erechtites hieracifolia (L.) Raf. Willow Grove, Montgomery Co. Pa
+ Gerardia tenuifolia Vahl. " " "
+ Solidago bicolor L. " " "
+ " nemoralis Ait. " " "
+ Aster Lowrieanus Porter " " "
1339a + " " lancifolius Porter " " "
+ " ~~cuneiscens Burgess~~ ? form of A. divaricatus
+ " lateriflorus (L.) Britton. " " "
+ Gnaphalium obtusifolium L. " " "
+ Hypopitys Hypopitys (L.) Small. " " "
+ Lycopus Virginicus L. " " "
+ Viburnum acerifolium L. " " "
+ Bidens comosa (A. Gray) Wiegand. " " "
+ Aster macrophyllus pinguifolius Burgess ! " Wray Grassland Darby, well
+ " ~~ericoides~~ dumosus L. " " "
+ Hieracium scabrum Michx. " " "
Dasystoma flava (L.) Wood. " " "
Gentiana saponaria L. " " "
+ Eupatorium ~~album~~ verbenaefolium incisum Porter, var. nov. ~~subrotundum~~ A. Gray " " "
(2 specimens mounted. small & large plants)
+ Juncus scirpoides Lam. " " "
+ Polygala cruciata L. " " "
+ Oxypolis rigidus L. " " "
+ Vernonia Noveboracensis L. " " "
+ Scleria reticularis Michx. " " "
+ Eriophorum Virginicum L. " " "
+ Aster Novi-Belgi L. " " "
+ Chelone glabra L. " " "
+ ~~Aster~~ ~~glabra~~ form of A. divaricatus " (? Porter, Aug. 5) "
+ Aster carmesinus Burgess. A. [illegible] " " "
+ Nabalus trifoliatus Cass. " " "
+ Quercus Marylandica Munch. !!! " " "

		1899		
68 Pa	W	A.M.E.	Sept 29	~~Clearings~~
"	"	"	"	Dry woods
"	"	"	"	"
"	"	"	"	Dry open woods
"	"	"	"	Woods
"	"	"	"	"
"	"	"	"	Roadsides
"	"	"	"	"
"	"	"	"	Rich places in woods
"	"	"	"	Woods
"	"	"	"	Woods
"	"	"	"	Roadsides
"	"	"	"	Woods. Growing in colonies.
"	"	"	"	Banks
"	"	"	"	"
"	"	"	"	Dry rocky woods
"	"	"	"	~~Boggy~~ Low ground near swamp.
"	"	"	"	~~Boggy~~ Wet grounds
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	~~Boggy~~ Swamp
"	"	"	"	"
"	"	"	"	"
"	"	"	"	Along streams
"	"	"	"	Woods
"	"	"	"	" In extensive colonies.
"	"	"	"	~~Dry~~ fields.

+	Chrysopsis Mariana (L.) Nutt.	Willow Grove, Montgomery Co. Pa
+	Aster patens Ait.	" " "
+	" ~~ph~~ undulatus triangularis Burgess	" " "
+	2 plants mounted undulatus L.	" " "
+	Paspalum laeve Michx.	" " "
+	Gyrostachys cernua (L.) Kuntze.	" " "
+	Eupatorium aromaticum L.	" " "
+	Cornus florida L.	Overbrook, Philadelphia Co. "
+	Aster cordifolius L.	" " "
-	Wagnera racemosa (L.) Morong.	" " "
+	Nabalus altissimus (L.) Hook	" " "
-	Sicglingia sesleroides (Michx.) Scribn.	" " "
-	Adicea pumila (L.) Raf.	" " "
-	Apocynum cannabinum L.	" " "
-	Chaetochloa glauca (L.) Scribn.	" " "
-	Cardiospermum Halicacabum L	" " "
+	Eupatorium ageratoides L.f.	" " "
	Polygonatum commutatum (R.&S.) Dietr.	5 Mile Beach, Cape May Co. N.J.
	Panicum Crus-galli L.	" " "
	" virgatum L	" " "
	Lespedeza capitata Michx.	" " "
	Lagenaria vulgaris L.	" " "
	Quercus minor (Marsh.) Sarg.	" " "
	Gerardia purpurea L.	" " "
	Galium trifidum L.	" " "
	Aster subulatus Michx.	" " "
	Ammophila arenaria (L.) Link.	" " "
	Aronia arbutifolia (L.) Ell.	" " "

+ Quercus Marylandica Munch. !!!

1899
Sept 29 Dry fields
" " "
" " "
" " Low ground
" " Bog
" " Dry gro
" 30 Woods
" " "
" " "
" " Dry fields
" " Moist-pla
" " Dry ~~fields~~
" " Fields.
" " ~~Swamp~~ c
" " Woods.
Oct. 2 Woods
" " Salt m
" " Sandy
" "
" "
" "
among sand dunes
Salt marshes
Wet ditches
Salt marshes
Sand dunes on the beach
"

Plants of Eastern Pennsylvania.
No. 107 Aster nubrum L.
Habitat: Woods. Cobbs Creek
Locality: Haverford Twp. Delaware County
Collector, ALEX. MACELWEE. Date, MAY 4- 1899

+	Chrysopsis Mariana (L.) Nutt.	Willow Grove, Montgomery Co. Pa
+	Aster patens Ait.	" " "
+	" undulatus triangularis Burgess	" " "
+	2 plants undulatus L. mounted	" " "
+	Paspalum laeve Michx	" " "
+	Gyrostachys cernua (L.) Kuntze.	" " "
+	Eupatorium aromaticum L.	" " "
-	Cornus florida L.	Overbrook, Philadelphia Co. "
-	Aster cordifolius L.	" "
-	Wagnera racemosa (	" "
-	Nabalus altissimus (L	" "
-	Lygodesmia juncea	" "
-	Aplopappus linifolius (L	" "
-	Apocynum cannabinum	" "
-	Chaetochloa glauca (L	" "
-	Cardiospermum Halicacabum	" "
-	Eupatorium ageratoides	" "
	Polygonatum commutatum	Beach, Cape May Co. N.J.
	Panicum Crus-galli	" "
	" virgatum	" "
	Lespedeza capitata Michx.	" "
	Lagenaria vulgaris L.	" "
	Quercus minor (Marsh.) Sarg.	" "
	Gerardia purpurea L.	" "
	Galium trifidum L.	" "
	Aster subulatus Michx.	" "
	Ammophila arenaria (L.) Link.	" "
	Aronia arbutifolia (L.) Ell.	" "
+	Quercus Marylandica Muench.	" "

1899	
Sept 29	Dry fields
" " "	"
" "	
" "	"
" "	Low ground
" "	Bog
" "	Dry ground.
" 30	Woods
" "	"
" "	"
" "	"
" "	Dry fields
" "	Moist-places
" "	Dry ~~fields~~ hillside
" "	Fields.
" "	~~Escaped~~ cult. A frequent escape
" "	Woods.
Oct. 2	Woods
" "	Salt marshes
" "	Sandy place
" "	"
" "	"
" "	"
" "	Among sand dunes
" "	Salt marshes
" "	Wet ditches
" "	Salt marshes
" "	Sand dunes on the beach
" "	"

98 100

Botrychium ternatum (Thunb.) Sw. — 5 Mile Beach, Cape May
Eyrostachys cernua (L.) Kuntze. "
Cyperus ovularis (Michx.) Torr. "
Wagnera stellata (L.) Morong. "
Polygonella articulata (L.) Meisn. "
Myrica Caroliniensis Mill. "
Eupatorium hyssopifolium "
Kosteletzkya Virginica (L.) A. Gray "
Aster lateriflorus (L.) Britton. thyroides (A. Gray) Sheldon
Prunus maritima Wang. "
Smilax glauca Walt. "
Bidens laevis (L.) B.S.P. "
Samolus floribundus HBK. "
Cyperus flavescens L. "
Ptilimnium capillaceum (Mx.) Raf. "
Strophostylis umbellata (Muhl.) Britton. "
Euphorbia polygonifolia L. "
Helianthus tuberosus L. "
Aster concolor L. "
Baccharis halimifolia L. "
Lacinaria graminifolia (Walt.) Kuntze. "
1413a Opuntia Opuntia (L.) Coult. pilosa (Nutt.) Britton.
Cenchrus tribuloides L. "
Diospyros Virginiana L. "
Salicornia herbacea L. "
1417a × Atriplex hastata L. ambigua Michx.
Limonium Carolinianum (Walt.) Britton "
Salsola Kali L. "
Solidago sempervirens L. "

× Lucas

		1897	
Cape Henry	E. N. C.	Oct. 2	Sandy woods
"	"	"	Low grounds
"	"	"	Sandy places.
"	"	"	woods
"	"	"	Sand dunes
"	"	"	"
"	"	"	Open sandy places
"	"	"	Salt marshes
"	"	"	Sandy places
"	"	"	On sand dunes Same as 154
"	"	"	"
"	"	"	low moist-places among sand dunes
"	"	"	" "
"	"	"	" "
"	"	"	On sand dunes
"	"	"	"
"	"	"	"
"	"	"	low moist-places among sand dunes
"	"	"	Sand dunes
"	"	"	Salt marshes
"	"	"	On sand dunes
"	"	"	"
"	"	"	"
"	"	"	Low grounds among sand dunes
"	"	"	Salt marshes
"	"	"	"
"	"	"	"
"	"	"	Beach, On the —
"	"	"	Salt-marshes.

	Panicum [illegible]	5th Mile Beach, Cape May Co. N.J.
×	Rosa Caroliniana L.	" " "
+	Calaile edentula (Bigel.) Hook.	" " "
	Iva frutescens L.	" " "
	Chenopodium Botrys L.	" " "
?	Eupatorium pubescens Muhl.	" " "
	Pluchea camphorata (L.) DC.	" " "
	Euthamia Caroliniana (L.) Greene.	" " "
	Aster tenuifolius L	" " "
	Sabbatia stellaris L	" " "
	Polygonum litorale Link.	" " "
	Ilex verticillata (L.) A. Gray.	" " "
	Andropogon scoparius Michx.	" " "
	Solidago odora Ait.	" " "
	" sp[illegible]	" " "
	Vitis aestivalis Michx.	" " "
×	Carex ~~silicea~~ Olneyi ~~Wahl.~~ albolutescens Schwein.	" " "
	Eupatorium verbenaefolium Michx.	" " "
	" rotundifolium L.	" " "
	Artemisia Stellariana Bess.	" " "
	Xanthium Canadense Mill.	" " "
	Panicularia	" " "
	Strophostylis helvola (L.) Britton.	" " "
	Ionactis linariifolius (L.) Greene.	" " "
	Aristida purpurascens Poir.	" " "
	Quercus digitata (Marsh.) Sudw.	" " "
	Solanum Dulcamara L.	" " "
	" nigrum L.	" " "
	Atriplex rosea L.	" " "

Co. N.J	T.M.C	1899 Oct. 2.		Among sand dunes. (This is near P. viscidum, probably Wirt's new species P. psammophilum Nash see Torrey Bulletin 25 = 11)	
"	"	"	"	"	"
"	"	"	"	On the beach	
"	"	"	"	Salt marshes	
"	"	"	"	Sand dunes	
"	"	"	"	Low sandy places.	
"	"	"	"	Salt marsh	
"	"	"	"	Sandy soil.	
"	"	"	"	Salt. marsh	
"	"	"	"	"	
"	"	"	"	"	
"	"	"	3	Woods	
"	"	"	"	Sandy soil	
"	"	"	"	"	
"	"	"	"	"	
"	"	"	"	Climbing over trees	
"	"	"	"	Sandy soil	
"	"	"	"	"	
"	"	"	"	"	
"	"	"	"	Sand dunes on the beach	
"	"	"	"	"	
"	"	"	"	" low places	
"	"	"	"	"	
"	"	"	"	"	
"	"	"	"	"	
"	"	"	"	Sandy soil	
"	"	"	"	"	
"	"	"	"	"	
"	"	"	"	"	

	×	Aster dumosus L.	5th Mile Beach. Cape May Co. N.J.
		Solidago bicolor L.	" "
		Lechea maritima Leggett.	" "
		Rhus copallina L.	" "
		Lippia lanceolata Michx.	" "
	!	Nyssa biflora Walt.	" "
		Rhus radicans L	" "
		Bochmeria cylindrica (L.) Willd.	" "
		Sium cicutaefolium Gmel.	" "
		Parthenocissus quinquefolia (L.) Planch.	" "
		Cyperus Grayi Torr.	" "
		Euphorbia humistrata Engelm.	" "
		Lobelia cardinalis L.	" "
		Willoughbya scandens (L.) Kuntze.	" "
		Asclepias verticillata L.	Williamson School, Delaware Co. Pa
		Nabalus trifoliatus Cass.	" "
		Acerates viridiflora (Raf.) Eaton.	" "
		Gentiana crinita Froel.	" "
		Hicoria minima (Marsh.) Britton	" "
		Salix	" "
		Helianthus decapetalous L.	" "
		Eupatorium aromaticum L.	" "
		Aster laevis L.	" "
1473a		Quercus velutina Lam. variety.	" "
		" lyrata Walt.	" "
		Hieracium scabrum Michx.	" "
		Nabalus altissimus (L.) Hook	" "
		Aster ericoides L.	" "
	—	Sorghastrum avenaceum (Michx.) Nash.	" "

Co. W)	T. Hill E.	Oct	3	1849	Sandy soil.
"	"	"	"		"
"	"	"	"		"
"	"	"	"		"
"	"	"	"		Swamps
"	"	"	"		"
"	"	"	"		"
"	"	"	"		"
"	"	"	"		"
"	"	"	"		Woods
"	"	"	"		Sandy soil
"	"	"	"		" prostrate on the ground
"	"	"	"		Swamps
"	"	"	"		"
as Co. Pa	"	"	5th		Open woods. & rocky places
"	"	"	"		~~Woods. Along roadside under trees~~
"	"	"	"		" " " "
"	"	"	"		Dry rocky places
"	"	"	"		Low grounds.
"	"	"	"		" " near Ridley Creek
"	"	"	"		A low shrub. in dry ground.
"	"	"	"		Woods.
"	"	"	"		Open places & woods.
"	"	"	"		Open woods.
"	"	"	"		Dry ground
"	"	"	"		"
"	"	"	"		Dry woods.
"	"	"	"		Roadside. under trees
"	"	"	"		" "
"	"	"	"		(grass) Open places.

	Muhlenbergia	Williamson School, Delaware Co. Pa
	Eragrostis Purshii Schrad.	" "
+	Aster lateriflorus (L.) Britton	" "
+	" divaricatus L.	" "
+	" undulatus L.	" "
	Cyperus flavescens L.	" "
	Phytolacca decandra L.	West Philadelphia Pa
	Panicum elongatum Pursh.	" "
	Syntherisma linearis (Krock.) Wash.	" "
	Aster undulatus L.	Newtown Township, Delaware Co. Pa
	Daucus Carota L.	" "
+	Aster ericoides L.	" "
+	" lateriflorus (L.) Britton.	" "
	Solidago bicolor	" "
	Quercus prinoides Willd.	" "
	" minor (Marsh.) Sarg.	" "
×	Hicoria ovata (Mill.) Britton.	" "
+	Aster laevis L.	" "
	Lespedeza capitata Michx.	" "
	Solidago rugosa Mill.	" "
+	Aster punicens L.	" "
+	Viola fimbriatula J. E. Smith.	" "
+	" pedata L.	" "
+	Asclepias verticillata L.	Fairmount Park, Phila.
1503a ×	Crataegus sp.	Sellersville, Bucks Co. Pa
+	Aster tradescanti L.	"
+	" paniculatus L.	" "
×	Crataegus tomentosa L.	" "
×	" intermedia Sarg.	W. sp. "
×	" punctata Jacq.	"

			1899		
[illegible]	[illegible]	A.M.E	Oct	8	Woods.
"	"		"	"	Dry ground
"	"		"	"	Open woods
"	"		"	"	Woods
"	"		"	"	Dry woods
"	"		"	"	Dry sandy soil,
"	"		"	9	fields. (637 Market st.)
"	"		"	"	" "
"	"		"	"	" "
[illegible]	"		"	"	Roadside
"	"		"	"	"
"	"		"	"	"
"	"		"	"	"
"	"		"	"	"
"	"		"	"	Dry ground
"	"		"	"	"
"	"		"	"	"
"	"		"	"	"
"	"		"	"	"
"	"		"	"	~~Low~~ along Fawke's Run
"	"		"	"	"
"	"		"	"	Dry sterile soil
"	"		"	"	"
"	"		"	"	"
[illegible]	[illegible]		"	10	
[illegible]	[illegible]	A.M.E.	"	10	Roadsides
"	"		"	"	"
"	"		"	"	Low grounds near the creek
"	"		"	"	" " "
"	"		"	"	" " "

× Crataegus ~~Crus-Galli~~ L. (form) Sellersville, Bucks Co. Pa.

× " " " " (true) " " "

= 412 × " Pulvesiana Aslac ~~coccinea L. (true)~~ " " "

Vicoria laciniosa (Michx f.) Sarg. " " "

" ovata (Mill.) Britton " " "

" minima (Marsh.) Britton " " "

" alba × laciniosa (new form) " " "

" alba (L.) Britton. " " "

" glabra (Mill.) Britton " " "

+ Clematis Virginiana L. " " "

Prunus Virginiana L. " " "

Physalis Virginiana (Mill.) " " "

+ Aster Lowrieanus Porter. " " "

+ " cordifolius polycephalus Porter. " " "

+ " " alvearis Burgess. " " "

" laevis L. " " "

Bidens melanocarpa Wiegand. " " "

" frondosa L. " " "

Gentiana Andrewsii Griseb. " " "

" crinita Froel. Rocklill, Bucks Co. Pa.

Prosérpinaca palustris L. " " "

Viburnum cassinoides L. " " "

Corallorhiza Corallorhiza (L.) Karst. " " "

+ Aster lateriflorus pendulus (Ait.) Burgess " " "

1532 + " " " horizontalis (Desf.) Burgess. " " "

+ Brassica oleracea L. variety " " "

Nyssa sylvatica Marsh. " " "

Gyrostachys " " "

Juniperus communis L. " " "

Cornus candidissima Marsh. " " "

Pa.	N.W.C.	Oct.	10	Low grounds along the creek
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	Roadsides
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	Wet places
Pa.	"	"	11	Wet places
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	Woods
"	"	"	"	Roadsides
"	"	"	"	"
"	"	"	"	cultivated
"	"	"	"	Low grounds
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

Eupatorium ageratoides L.f. Rockhill, Bucks Co. Pa
× Aster laevis L. " " "
× " prenanthoides Muhl. " " "
+ " ericoides L. " " "
× Hieracium minimum (Marsh.) Britton " " "
Salix " " "
Juniperus Virginiana L. " " "
Bidens laevis (L.) B.S.P. " " "
Nabalus trifoliatus Cass. " " "
Vaccinium corymbosum " " "
Prunus avium L. " " "
Solidago caesia L. " " "
Aster Lowricanus Porter " " "
× " " lanceolatus Porter " " "
+ " " Bickenellii Porter. " " "
+ " undulatus L " " "
× " divaricatus L " " "
Epilobium " " "
Cappoides angustifolium (L.) Borck. " " "
+ ~~Solidago fungosa (Ait.) Boom.~~ " " "
× Crataegus Macelwaini Sarg. = Unpublished species = Sargent & Ashe, " "
Viburnum molle Michx. " " "
Juglans nigra L. " " "
" " (form.) " " "
Corylus Americana Walt.) " " "
Diospyros Virginiana L. " " "
× Malus Malus (L.) Britton. " " "
Lygodium palmatum (Bernh.) Sw. New Lisbon, Burlington Co. N.J.
Ilex glabra (L.) A. Gray.
Aristida gracilis Ell.

1899

A.M.B.	Oct	11	Woods	
	"	"	Roadside	x
	"	"	"	x
	"	"	"	
	"	"	~~Low ground~~ On sterile soil.	
	"	"	"	
	"	"	Sterile field	
	"	"	Wet places	
	"	"	Woods	
	"	"	"	
	"	"	"	
	"	"	"	
	"	"	Shaded Roadsides	
	"	"	"	
	"	"	"	
	"	"	"	
	"	"	"	
	"	"		
	"	"	Woods	
	"	"	— Same as No. (with regularly deflexed thorns)	
	"	"	Low grounds	
	"	"		
	"	"		
	"	"	Roadsides	
	"	"		
	"	"		
	"	13	Low grounds.	
	"	"	Dry sandy soil	

× Dendrium buxifolium (Berg.) Desv. New Lisbon, Burlington Co. N.J.
× Aster Novi-Belgi L. " "
Lycopodium alopecuroides L. " "
Lilium superbum L. " "
– Andropogon glomeratus (Walt.) B.S.P. " "
Rhus copallina L. " "
Solidago " "
× Ionatis linariifolius (L.) Greene. " "
953 × Clethra alnifolia L. " "
Perophyllum asphodeloides (L.) Walt. " "
Polygonella articulata (L.) Meisn. " "
Liquidambar styraciflua L. " "
Nyssa sylvatica Marsh. " "
× Aster undulatus L. " "
× " paniculatus Lam. " "
× " ericoides L. " "
Lechea tenuifolia Michx " "
" Leggettii Britt. & Holl. " "
× Chrysopsis Mariana (L.) Nutt. " "

—

× Aster (vimineus Lam?) " "
× " Novae-angliae L. West Philadelphia Pa.
× " Priniglei (A. Gray) Britton Gorgas Lane, Germantown "
× " cordifolius " "
× " paniculatus Lam. " "
× " bellidifolius " "
× " Lowrieanus Porter " "
× " " lanifolius Porter " "
Chrysopsis mariana L. " "

		1894	
N.J.	A.M.C.	Oct 13	Dry sandy soil
"	"	" "	Wet ground
"	"	" "	"
"	"	" "	"
"	"	" "	Dry sandy soil
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	Wet ground
"	"	" "	dry sandy soil
"	"	" "	Low ground
"	"	" "	"
"	"	" "	Dry sandy soil
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	Grass.
"	"	" "	"
Pa.	"	" 14	Gull. in a garden 204 Haverford St.
"	"	" 19	Roadside
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	"
"	"	" "	"

(specimens eaten up by mice)

	Hicoria glabra (Mill.) Britton	Gorgas Lane. Germantown Pa	
×	" alba (L.) Britton	" " "	
×	" ovata (Mill.) Britton	" " "	
×	" alba (L.) Britton	" " "	
+	" glaba odorata (Marsh.) Sarg.	" " "	
	Juglans nigra L. (long form.)	" " "	
	Aster ericoides L.	County Line Rd. Delaware Co "	
	Oxalis cymosa Small.	" "	
	Origanum vulgare L.	" "	
	Aster puniceus L	" "	
	Hicoria alba (L.) Britton	" "	
	" " "	" "	
	" ovata (Mill.) Britton	" "	
+	" glabra odorata (Marsh.) Britton Sarg.	" "	
	" ovata (Mill.) Britton	Angora. Phila Co. Pa.	
×	Symphoricarpos Symphoricarpos (L.)	MacM. Bartram's Garden " "	
	Pinus	West Philadelphia Pa.	
		" " "	
×	Catalpa speciosa Warder.	" " "	
×	Fraxinus American L.	" " "	
+	" Pennsylvanica Marsh.	" " "	
+	" nigra Marsh.	" " "	
+	Magnolia conspicua	" " "	
+	Catalpa Catalpa (L.) Karst.	" " "	
+	Asimina triloba (L.) Dunal.	Willow Grove. Montgomery Co. Pa	
×	Viola sagittata Ait	" " "	
×	Artemisia neglecta Greene. ~~fimbriata J. E. Smith~~	" " "	
×	Viola emarginata (Nutt.) Le Conte.	" " "	
×	" dentata Pursh	" " "	
	( ) = 319 ×		
×	Chrysosplenium Americanum Schwein.		

1899.

Pa	Add. E	Oct 19	same as No
"	"	"	fruit, same as No
"	"	"	" " " 570 & 906
"	"	"	" Crematory lane
"	"	"	" Limekiln Pike same as No. 915
"	"	"	
"	"	28	Fields
"	"	"	Roadside
"	"	"	" (A mint)
"	"	"	Wet ground.
"	"	"	fruit. same as No 872 North bank of Naylors Run.
"	"	"	" along the road near the N. branch of Cobbs Run
"	"	"	" same as No 873
"	"	"	" " " " 874.
"	Nov. 11		fruit same as No. 883
"	"	"	fruit.
"	Dec 23		Cult. Udell's old place 52 & Girard Ave.
"	Jan 1 1900		showing Winter buds. Jones old residence 63 & Landsdowne
"	"	"	Woods. Hunter's Hill (winter buds)
"	"	"	" along N. branch of Indian Run (winter buds)
"	"	7	Lancaster Ave (winter buds)
"	"	14	Winter buds. West Fairmount Park
"	"	28	
"	Feb.	24	Winter buds. From a small tree west of Horticultural Hall.
bo. Pa	April	26	roadsides
"	"	"	" dry fields.
"	"	"	
"	"	"	Along streams in woods.

×	Syndesmon thalictroides (L.) Hoffmg.	Willow Grove. Montgomery Co. Pa.
×	Comptonia peregrina (L.) Coulter	" " "
×	Salix	" " "
×	Viola sororia dilatata	Overbrook. Phila. Co. Pa
×	Cerasus cerasus L.	" "
×	Carex.	West Phila. Pa.
×	Hicoria alba	Overbrook. Phila.
×	Asimina triloba (L.) Dunal.	West Phila. Pa
×	Clematis	
×	"	
×	Thaspium trifoliatum aureum (L.) Britton.	Rockhill. Bucks Co. Pa
×	Viola Labradorica Schrank.	" " "
×	Antennaria neglecta Greene	" " "
×	" neodioica Greene	" " "
×	" argyrolasia Greene.	" " "
×	" plantaginifolia (L.) Rich.	" " "
×	Viola sororia Willd.	" " "
×	Ranunculus septentrionalis Poir.	" " "
×	Hicoria ovata (Mill.) Britton	" " "
×	" minima (Marsh.) Britton.	" " "
×	Salix sericea Marsh.	" " "
×	" discolor Muhl.	" " "
×	Pedicularis Canadensis L.	" " "
×	Azalea nudiflora L.	" " "
×	Prunus Virginiana L.	" " "
×	Menyanthes trifoliatus L.	" " "
×	Taraxacum erythrospermum Andrz.	" " "
×	Aronia nigra (Willd.) Britton	" " "
×	Ranunculus recurvatus Poir.	" " "

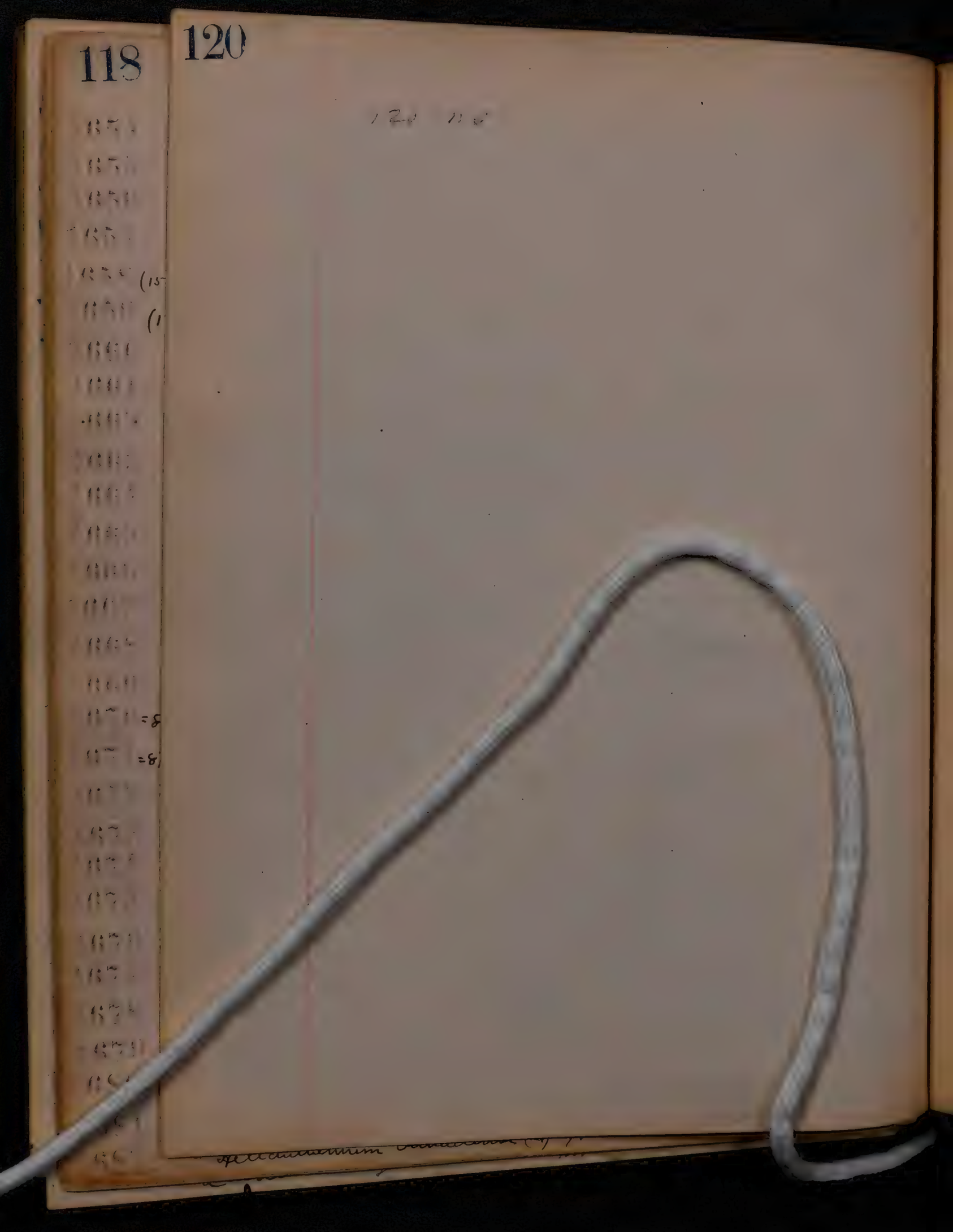
1205

d.M.E.	April 26	Woods.
"	" "	"
"	" "	" A small shrub.
"	May 5	Edge of woods
"	" "	roadsides Fruit June 12 = (1708.)
"	" "	5300 Master St. (dry plants)
"	" "	Woods.
"	" 16	From a tree planted on the side walk, Beach St. & Landedowne Sts
"	" "	Cult. 5300 Master St
"	" "	" Beach St. W. P. Miss Ezra's garden
"	" 17	Low ground
"	" "	"
"	" "	Dry ground
"	" "	"
"	" "	"
"	" "	"
"	" "	"
"	" "	Wet places
"	" "	Dry ground.
"	" "	"
"	" "	Edges of ponds. (a shrub or low tree)
"	" "	" " " (" " " " ")
"	" "	Edges of woods
"	" "	Woods,
"	" "	Roadsides & low grounds
"	" "	Bog
"	" "	"
"	" "	Along fences
"	" "	Wet places. (this is the form. said to be new)

	×	Eriophorum polystachyon L.	Rockhill	Bucks Co.	Pa
	×	Crataegus tomentosa	Sellersville	"	"
	×	Phlox pilosa L.	"	"	"
	×	Staphylea trifolia L.	"	"	"
(15-13a)	×	Hicoria ovata (Mill.) Britton.	"	"	"
(15-15a)	×	" alba × (form)	"	"	"
	×	Valerianella	"	"	"
	×	Saxifraga Pennsylvanica L.	"	"	"
	×	Juglans nigra L. (form)	"	"	"
	×	Cardamine bulbosa (Schreb.) B.S.P.	"	"	"
		Hicoria laciniosa (Michx f.) Sarg.	Wynnewood,	Montgomery Co.	Pa
		"	"	"	"
	×	Dioscorea sp.	"	"	"
		Plantago Virginica L.	County Line Rd.	Delaware Co.	"
		Paulownia tomentosa (Thunb.) Baill.	"	"	"
		Carex rosea Schk.	"	"	"
=874a		Hicoria	"	"	"
=872a		" alba (L.) Britton.	"	"	"
		Lonicera sempervirens L.	"	"	"
		Quercus platanoides (Lam.) Sudw.	"	"	"
	×	Stipa avenacea L.	Browns-mills, mi. to Pines,	Burlington Co.	N.J.
		Carex	"	"	"
	×	" sterilis	"	"	"
	×	" bullata Schk.	"	"	"
	×	" Atlantica Bailey.	"	"	"
		Hudsonia ericoides L.	"	"	"
	×	Panicum	"	"	"
		Lupinus perennis L.	"	"	"
		Helianthemum Canadense (L.) Mx.	"	"	"

1900

M.E. May 17 In water
" " edge of creek
" " Meadows
" " "
" " " along creek (same as printing sp. 1513 coll Oct 10/99)
" " Woods, roadside (" " " " 1515 " " " ")
" " "
" " Meadows
" " " (from a tree which had sharp pt fruit ")
" " "
May 23 Woods. (on Mr Henrys property)
" " " (hybrid form.)
" " Greenhouse. (grown from a "jam" or large root. sent to the Mus. from Paraguay.
" " fields
" " Roadside
" " "
" " " rich upland soil same as 874
" " low ground same as 872
" " roadside
" " " cult.
" 26 Sandy soil. Pine-barrens
" " Wet places
" " "
" " "
" " "
" " Sandy-soil. Pine-barrens
" " "
" " "
" " "
" " "



1654
1655
1656
1657
1658 (15-1
1659 (15-
1660
1661
1663
1663
1664
1665
1666
1667
1668
1669
1670 = 87
1671 = 87.
1672
1673
1674
1675
1676
1677
1678
1679
1680
1681
1682